

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040811.D
 Acq On : 8 Nov 2023 14:59
 Operator : SY/MD
 Sample : VL1108ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:29:54 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2023

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.211	49	1093976	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2792339	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2607298	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1888266 9.842 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.774	85	1811329	9.402	ppbv	98
3) Chlorodifluoromethane	2.719	51	1769697	11.007	ppbv	97
4) Chloromethane	2.857	50	646920	10.190	ppbv	94
5) Vinyl Chloride	2.963	62	658576	10.040	ppbv	98
6) Bromomethane	3.160	94	306143	11.281	ppbv	95
7) Chloroethane	3.234	64	232570	10.891	ppbv	97
8) Dichlorotetrafluoroethane	2.899	85	1647850	11.284	ppbv	100
9) Propene	2.738	41	600502	10.056	ppbv	99
10) Heptane	7.584	43	1519080	10.126	ppbv	100
11) Trichlorofluoromethane	3.597	101	1741681	11.714	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.095	101	1209646	11.407	ppbv	99
13) Ethanol	3.275	45	128118	9.504	ppbv	90
14) Bromoethene	3.401	108	526503	11.593	ppbv	99
15) Acetone	3.504	43	1203741	10.644	ppbv	99
16) 1,3-Butadiene	3.028	39	648189	10.925	ppbv	98
17) tert-Butyl alcohol	3.909	59	1151958	9.934	ppbv	100
18) 1,1-Dichloroethene	3.909	96	527851	11.106	ppbv	98
19) Isopropyl Alcohol	3.610	45	859254	11.802	ppbv #	40
20) Methylene Chloride	3.963	84	440834	9.358	ppbv	96
21) Allyl Chloride	4.024	41	802638	10.761	ppbv	94
22) trans-1,2-Dichloroethene	4.471	96	569807	11.264	ppbv	96
23) Vinyl Acetate	4.652	43	1373575	9.530	ppbv	98
24) 1,1-Dichloroethane	4.587	63	1138867	10.477	ppbv	99
25) Ethyl Acetate	5.224	43	2525568	10.192	ppbv	100
26) Hexane	5.233	57	1092392	9.646	ppbv	96
27) Carbon Disulfide	4.153	76	1393855	11.155	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	846059	9.607	ppbv	99
29) Chloroform	5.295	83	1834488	11.195	ppbv	99
30) Cyclohexane	6.613	84	959053	9.951	ppbv	97
31) cis-1,2-Dichloroethene	5.098	61	1141651	10.939	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1858952	10.658	ppbv	99
34) 2-Butanone	4.806	43	1283425	10.154	ppbv	99
35) Carbon Tetrachloride	6.503	117	1982898	12.652	ppbv	96
36) Benzene	6.381	78	2385894	11.108	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1432041	13.019	ppbv	98
38) Trichloroethene	7.298	130	946069	9.953	ppbv	99
39) 1,2-Dichloropropane	7.082	63	942508	11.232	ppbv	94
40) 1,4-Dioxane	7.288	88	401760	12.652	ppbv #	96
41) Tetrahydrofuran	5.571	42	991777	11.331	ppbv	99
42) Bromodichloromethane	7.256	83	2104058	12.769	ppbv	99
43) Methyl Methacrylate	7.481	69	997441	11.601	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3892222	10.716	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	876809	12.790	ppbv	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

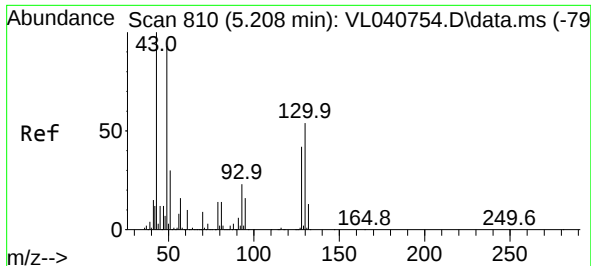
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1027063	12.262	ppbv	95
47) 1,1,2-Trichloroethane	8.902	97	1007302	11.428	ppbv	98
48) Dibromochloromethane	9.709	129	1809340	12.249	ppbv	100
49) Bromoform	12.404	173	1448061	12.060	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	2518604	11.648	ppbv	98
51) 2-Hexanone	9.548	43	1885138	11.456	ppbv #	98
52) Tetrachloroethene	10.616	164	845099	9.687	ppbv	95
53) Toluene	9.220	91	2762123	10.806	ppbv	97
54) 1,2-Dibromoethane	10.008	107	1509546	12.216	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.503	131	1268626m	11.922	ppbv	
57) Chlorobenzene	11.526	112	2131792	11.411	ppbv	97
58) Ethyl Benzene	12.085	91	3753458	11.434	ppbv	96
59) m/p-Xylene	12.368	91	6341359m	23.471	ppbv	
60) o-Xylene	13.053	91	2968753	11.532	ppbv	98
61) Styrene	12.892	104	1644244	11.528	ppbv	97
62) Isopropylbenzene	14.024	105	4416186	11.151	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.043	83	2156204	11.172	ppbv	100
64) n-propylbenzene	14.908	120	1167044	10.969	ppbv	86
65) tert-Butylbenzene	16.085	119	3893192	10.899	ppbv	95
66) Benzyl Chloride	16.317	91	330874	9.194	ppbv	96
67) sec-Butylbenzene	16.628	105	5466156	11.177	ppbv	98
69) p-Isopropyltoluene	16.989	119	4537468	11.072	ppbv	98
70) n-Butylbenzene	17.879	91	4813205	11.961	ppbv	98
71) 2-Chlorotoluene	14.793	91	3479730	11.697	ppbv	97
72) 4-Ethyltoluene	15.188	105	3541658	11.748	ppbv	97
73) 1,3,5-Trimethylbenzene	15.342	105	3049095	11.488	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3342814	11.527	ppbv	97
75) 1,3-Dichlorobenzene	16.323	146	1983431	10.997	ppbv	97
76) 1,4-Dichlorobenzene	16.468	146	1943691	10.882	ppbv	97
77) 1,2-Dichlorobenzene	17.137	146	1919228	10.845	ppbv	97
78) Hexachloro-1,3-Butadiene	22.628	225	1198249	9.463	ppbv	98
79) Naphthalene	21.378	128	2907483	12.334	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	783917	11.851	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1457285	11.387	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



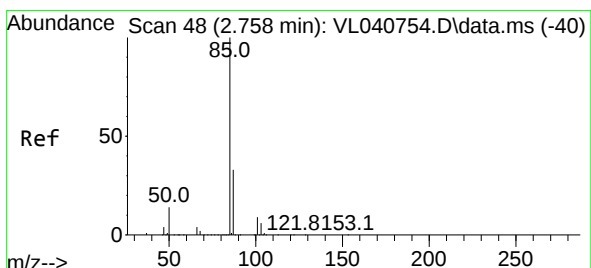
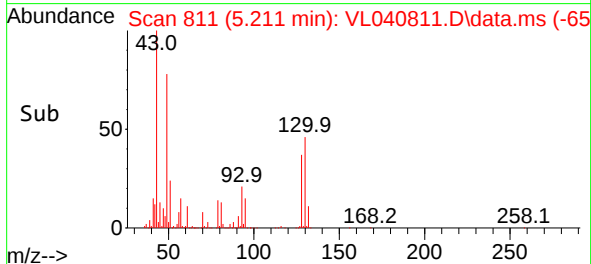
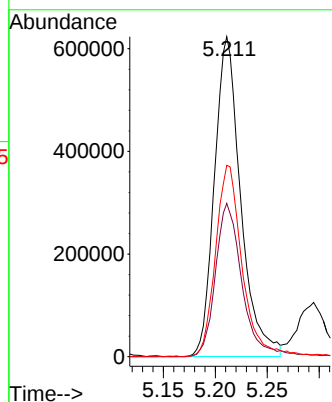
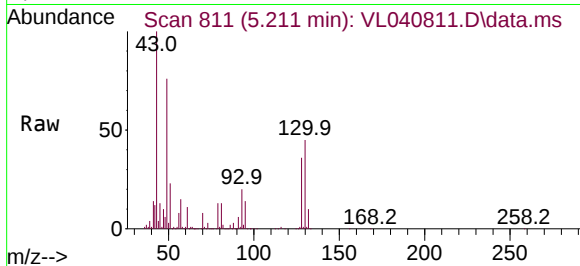
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 49 Resp: 1093970
Ion Ratio Lower Upper
49 100
128 49.0 23.9 71.7
130 61.7 30.7 92.1

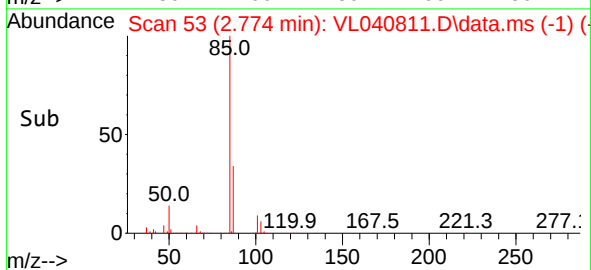
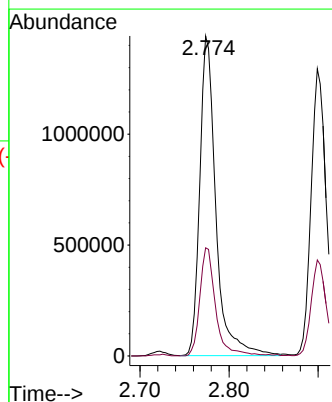
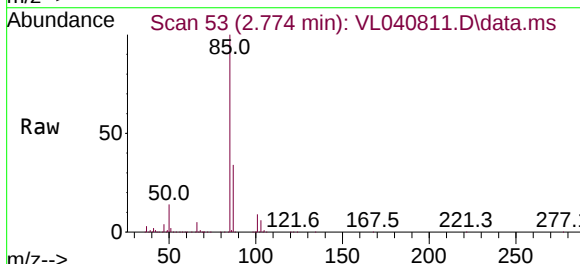
Manual Integrations
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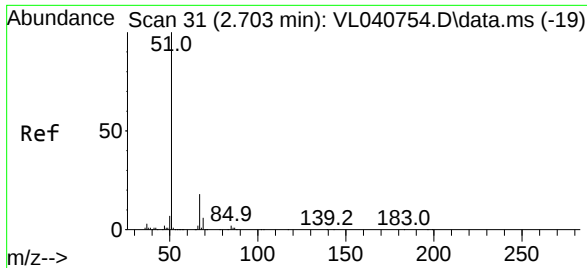
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 9.402 ppbv
RT: 2.774 min Scan# 53
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 85 Resp: 1811329
Ion Ratio Lower Upper
85 100
87 33.8 26.0 39.0





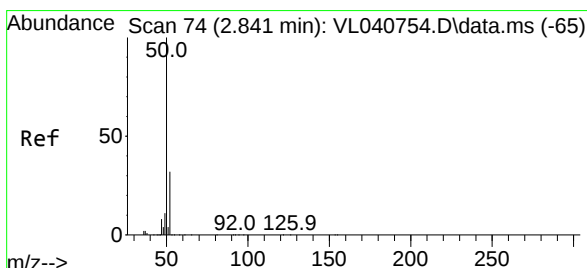
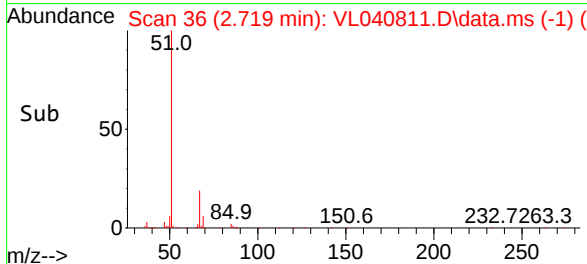
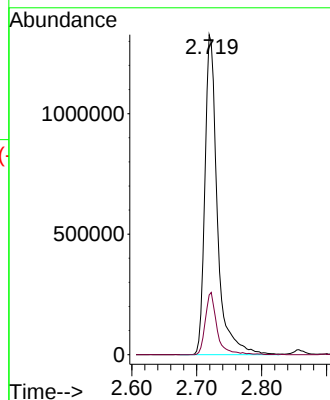
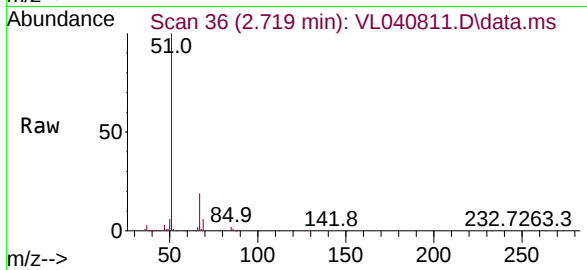
#3
Chlorodifluoromethane
Concen: 11.007 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 51 Resp: 176969
Ion Ratio Lower Upper
51 100
67 18.5 13.8 20.6

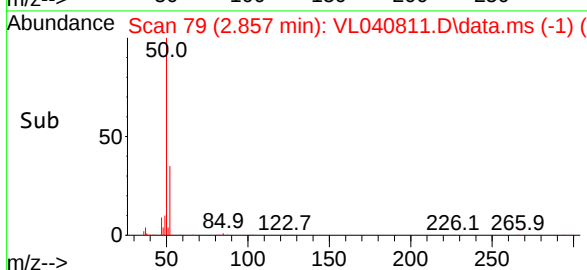
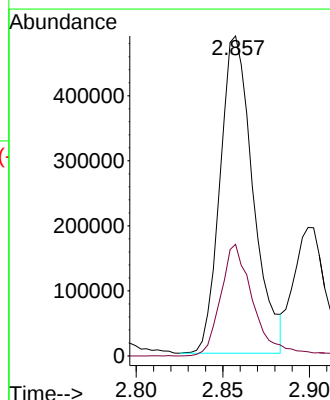
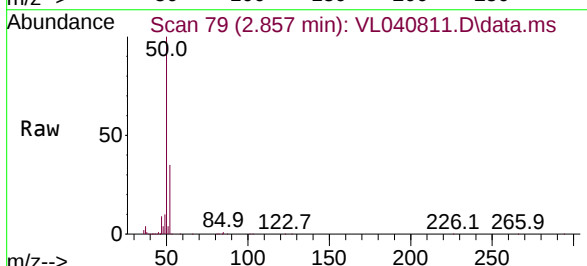
Manual Integrations
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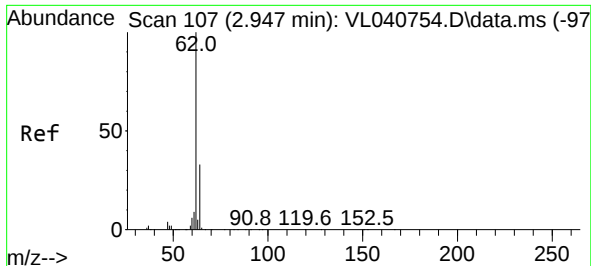
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#4
Chloromethane
Concen: 10.190 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 50 Resp: 646920
Ion Ratio Lower Upper
50 100
52 35.2 25.3 37.9





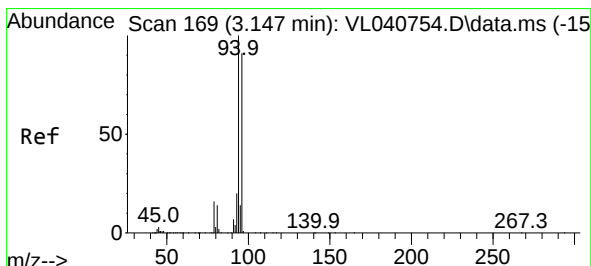
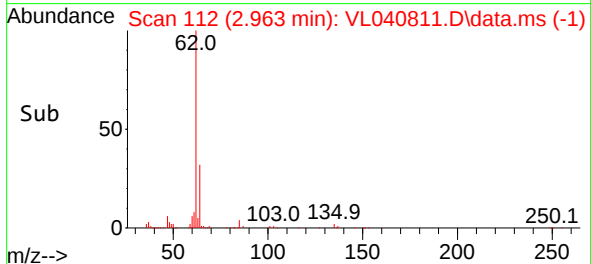
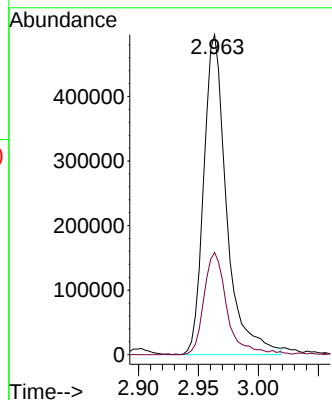
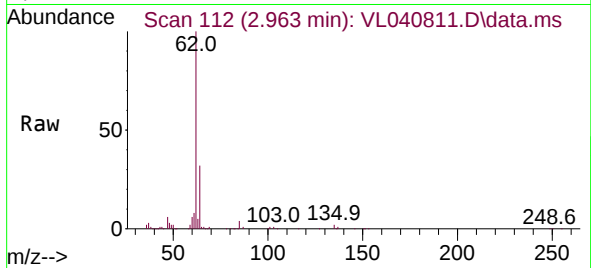
#5
 Vinyl Chloride
 Concen: 10.040 ppbv
 RT: 2.963 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABS01

Tgt Ion: 62 Resp: 658570
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.6 39.8

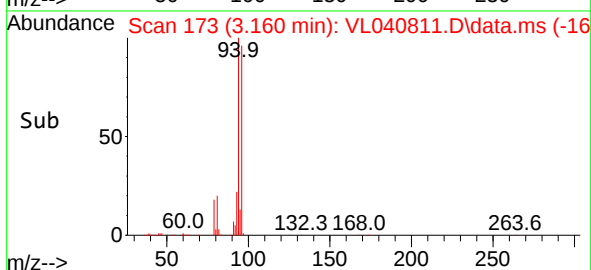
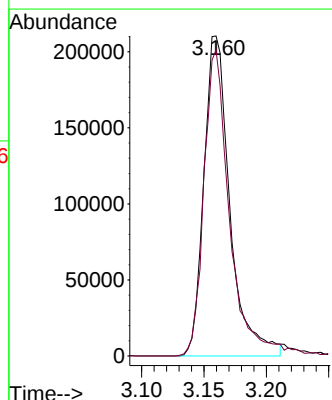
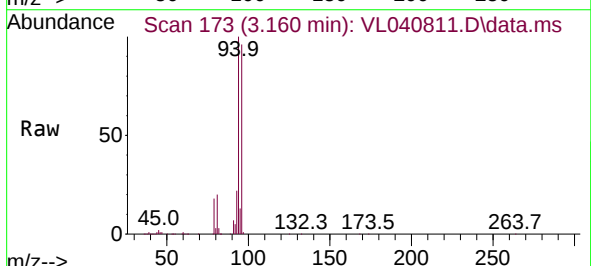
Manual Integrations
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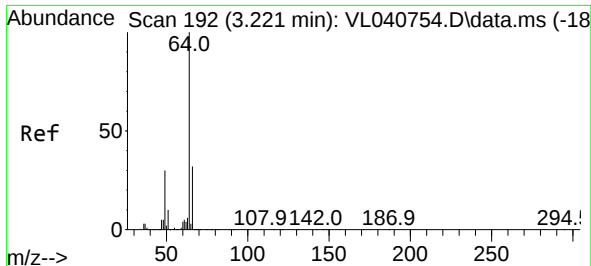
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#6
 Bromomethane
 Concen: 11.281 ppbv
 RT: 3.160 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

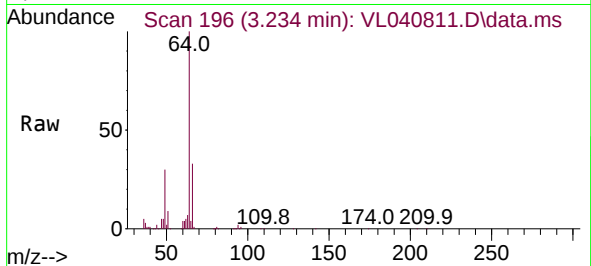
Tgt Ion: 94 Resp: 306143
 Ion Ratio Lower Upper
 94 100
 96 95.4 72.6 109.0





#7
Chloroethane
Concen: 10.891 ppbv
RT: 3.234 min Scan# 192
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

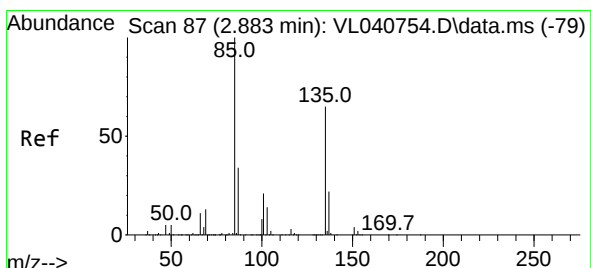
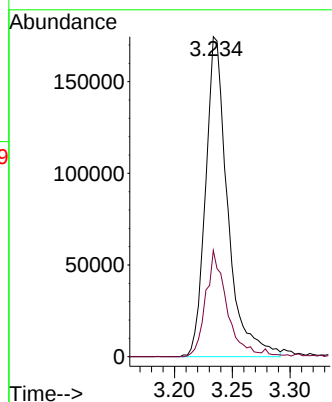
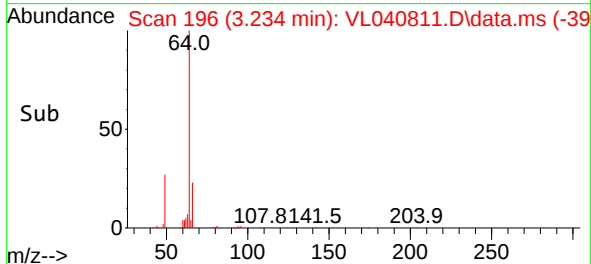
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion: 64 Resp: 232570
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2

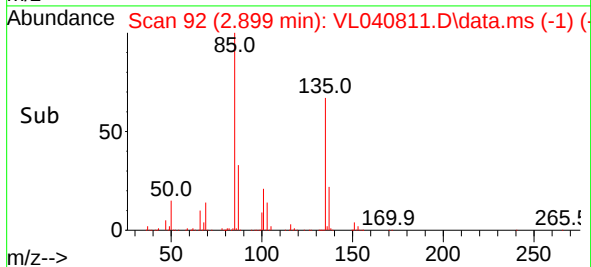
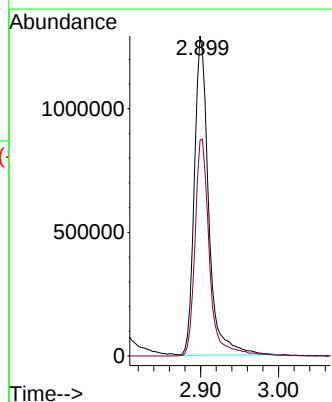
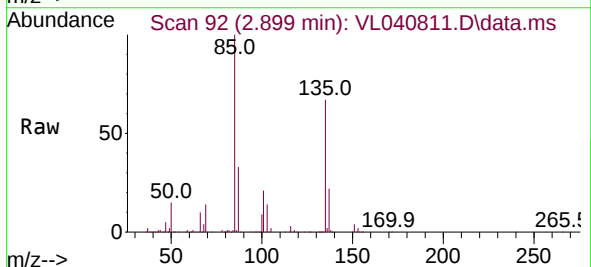
Manual Integrations
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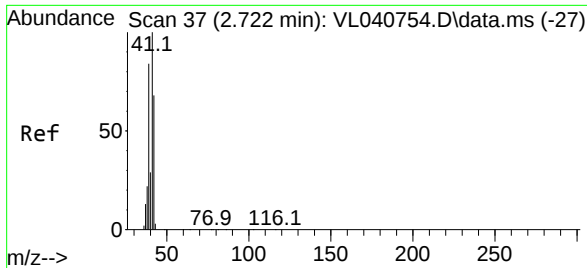
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#8
Dichlorotetrafluoroethane
Concen: 11.284 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

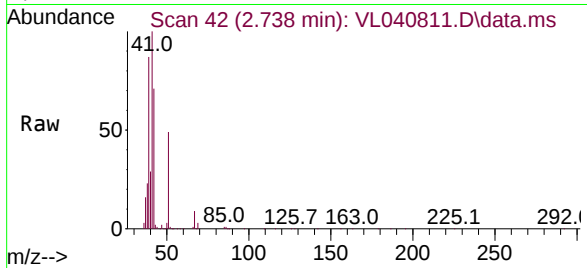
Tgt Ion: 85 Resp: 1647850
Ion Ratio Lower Upper
85 100
135 69.2 55.4 83.2





#9
Propene
Concen: 10.056 ppbv
RT: 2.738 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

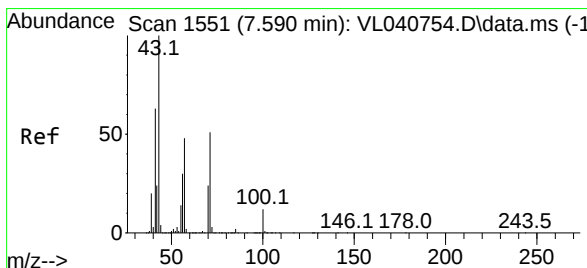
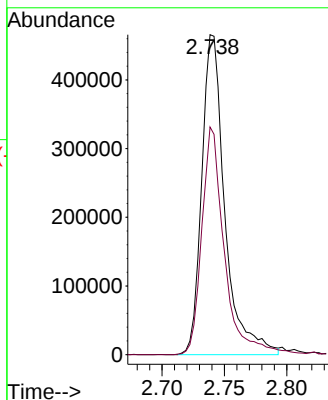
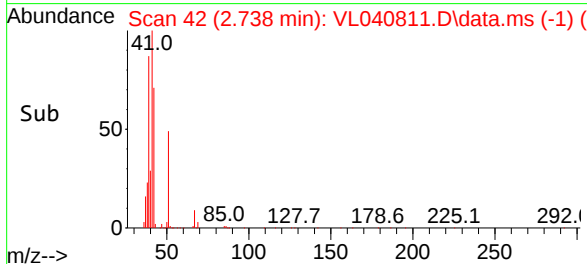
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



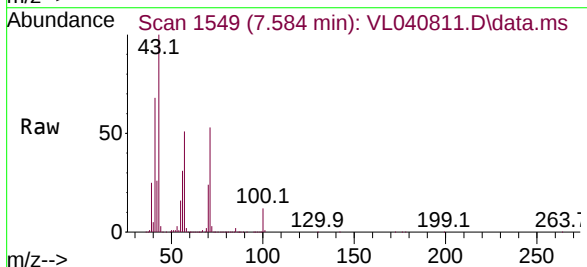
Tgt Ion: 41 Resp: 600502
Ion Ratio Lower Upper
41 100
42 70.3 57.1 85.7

Manual Integrations
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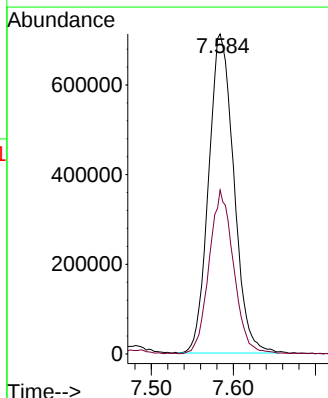
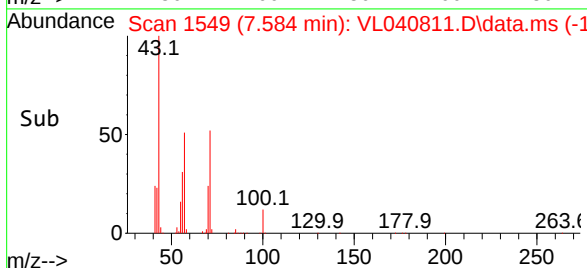
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

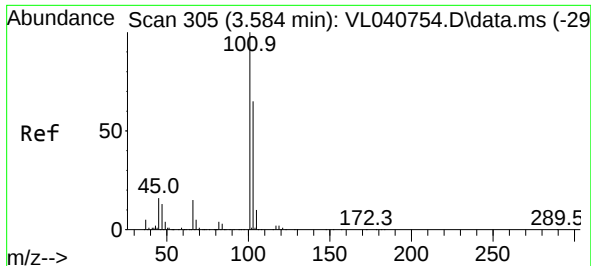


#10
Heptane
Concen: 10.126 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



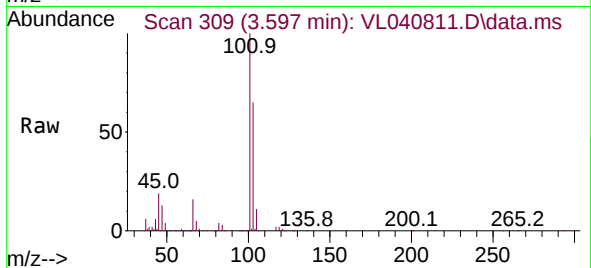
Tgt Ion: 43 Resp: 1519080
Ion Ratio Lower Upper
43 100
57 49.9 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 11.714 ppbv
 RT: 3.597 min Scan# 305
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

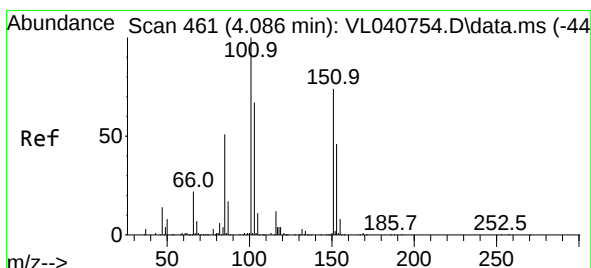
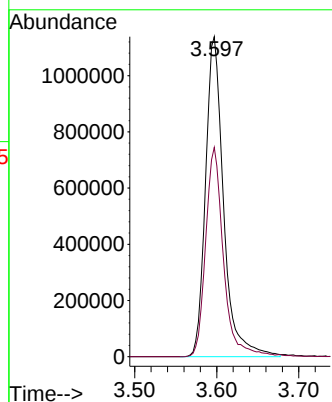
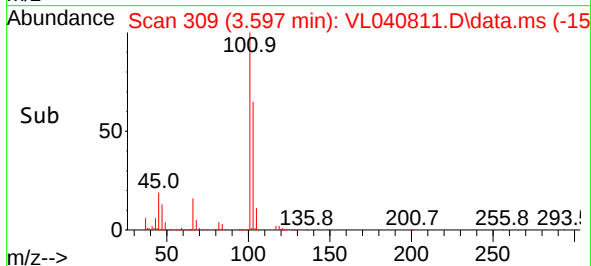
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABS01



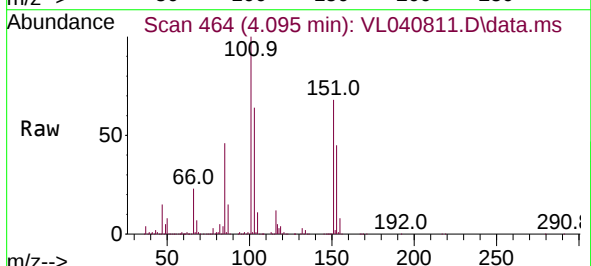
Tgt Ion:101 Resp: 174168
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2

Manual Integrations
 APPROVED

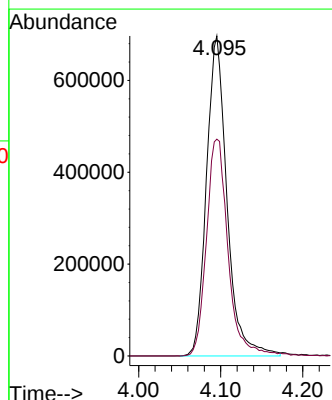
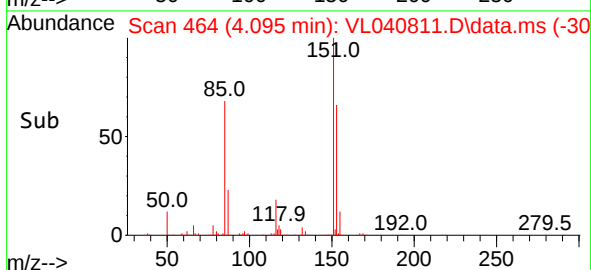
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

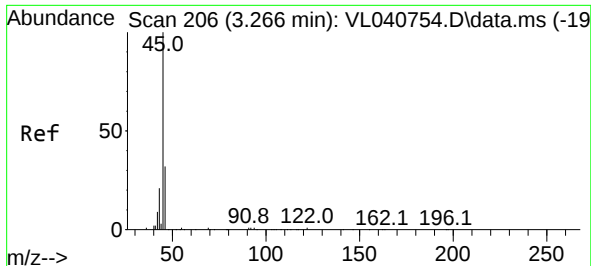


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.407 ppbv
 RT: 4.095 min Scan# 464
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59



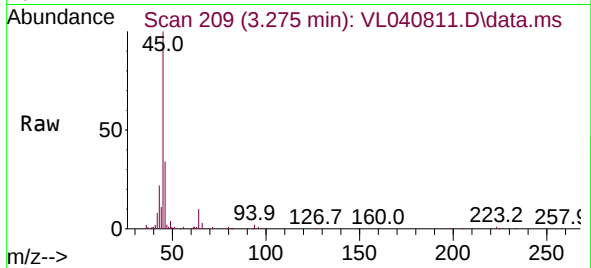
Tgt Ion:101 Resp: 1209646
 Ion Ratio Lower Upper
 101 100
 151 71.7 58.1 87.1





#13
Ethanol
Concen: 9.504 ppbv
RT: 3.275 min Scan# 206
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

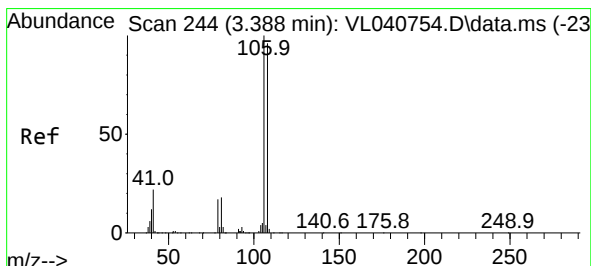
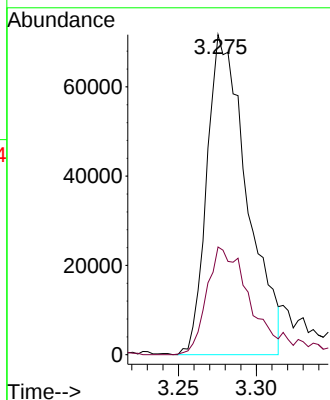
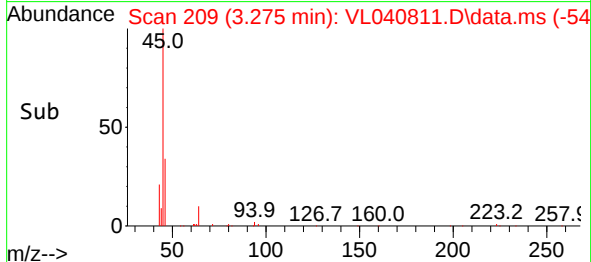
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



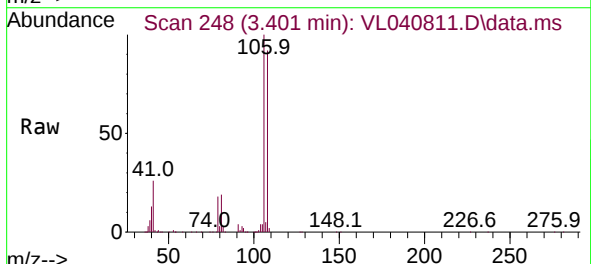
Tgt Ion: 45 Resp: 128118
Ion Ratio Lower Upper
45 100
46 42.2 14.6 58.2

Manual Integrations
APPROVED

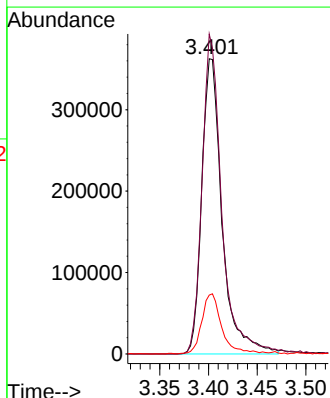
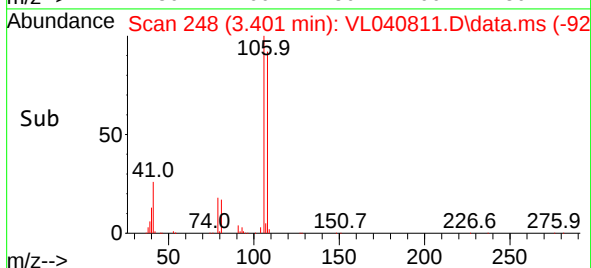
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

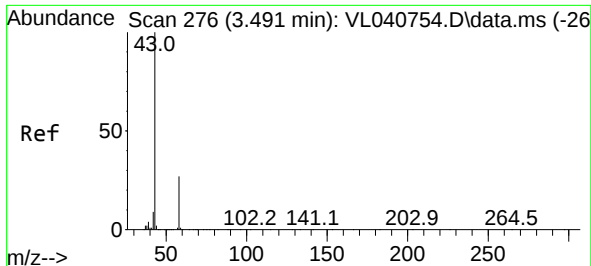


#14
Bromoethene
Concen: 11.593 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



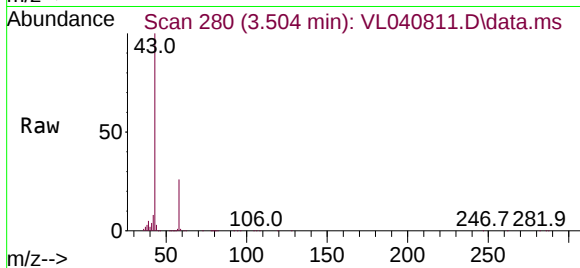
Tgt Ion:108 Resp: 526503
Ion Ratio Lower Upper
108 100
106 105.8 85.2 127.8
79 20.5 15.7 23.5





#15
Acetone
Concen: 10.644 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

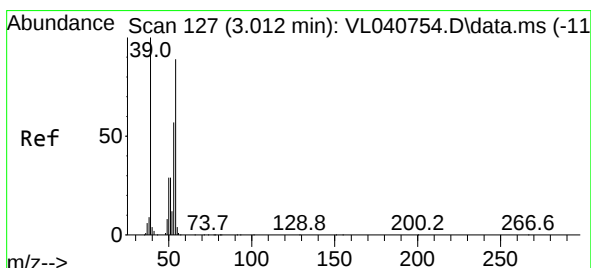
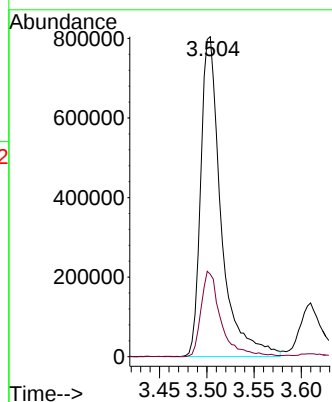
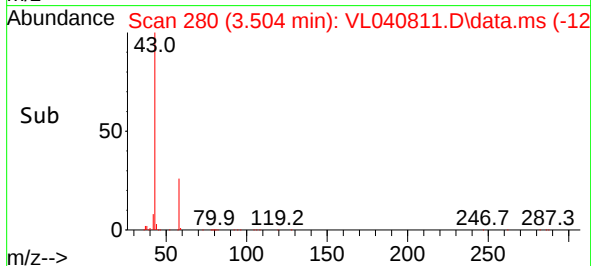
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion: 43 Resp: 120374
Ion Ratio Lower Upper
43 100
58 26.4 21.6 32.4

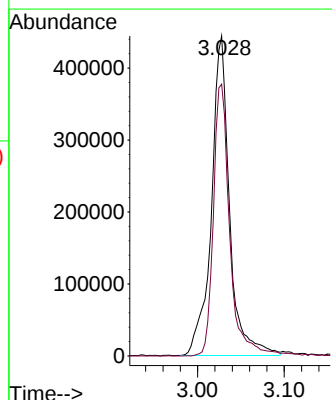
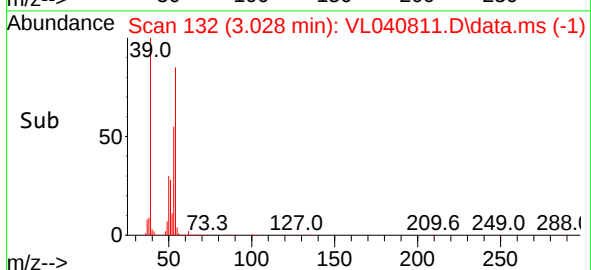
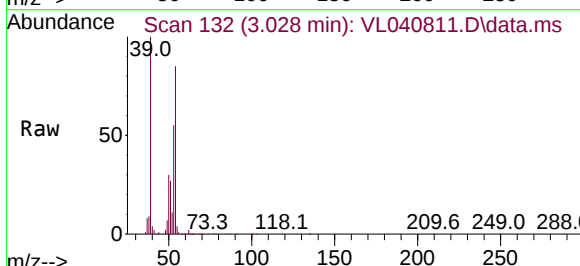
Manual Integrations
APPROVED

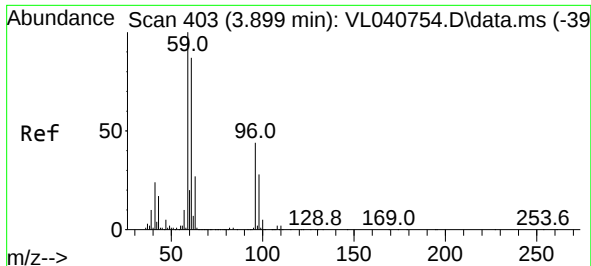
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
1,3-Butadiene
Concen: 10.925 ppbv
RT: 3.028 min Scan# 132
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 39 Resp: 648189
Ion Ratio Lower Upper
39 100
54 77.1 63.0 94.6





#17

tert-Butyl alcohol

Concen: 9.934 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion: 59 Resp: 1151958

Ion Ratio Lower Upper

59 100

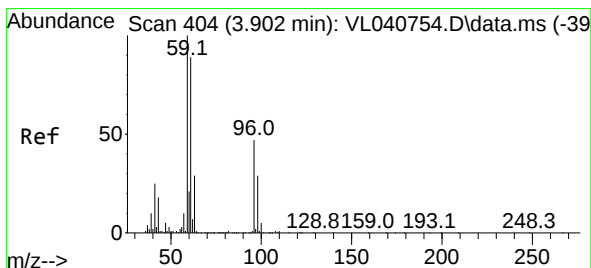
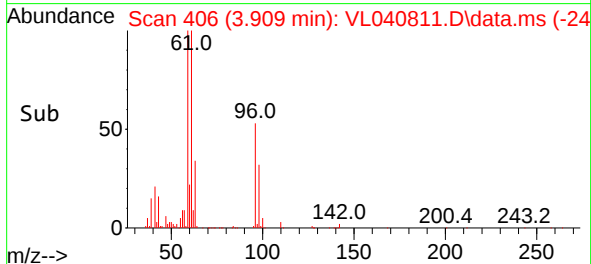
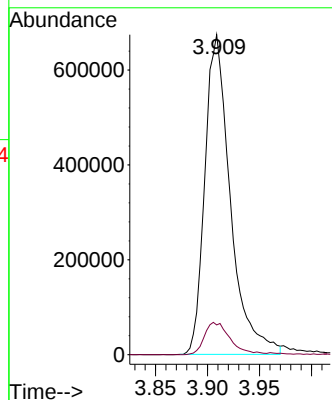
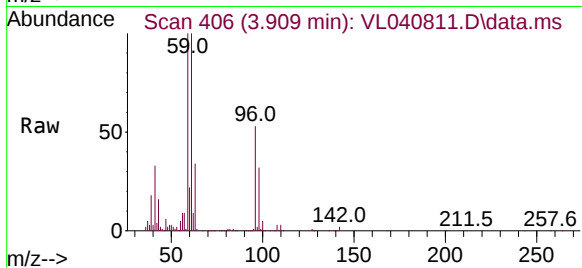
57 10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#18

1,1-Dichloroethene

Concen: 11.106 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

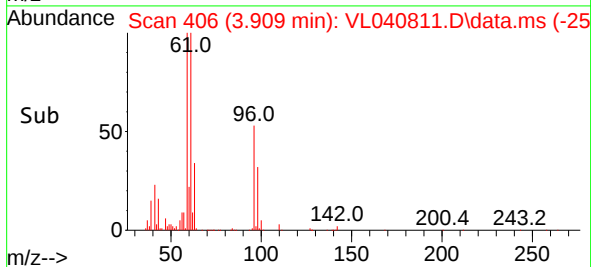
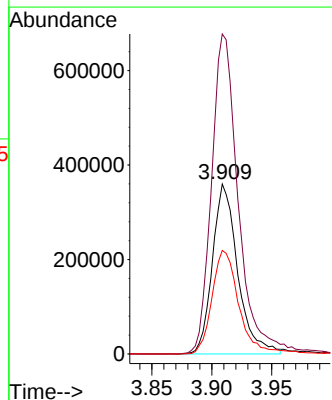
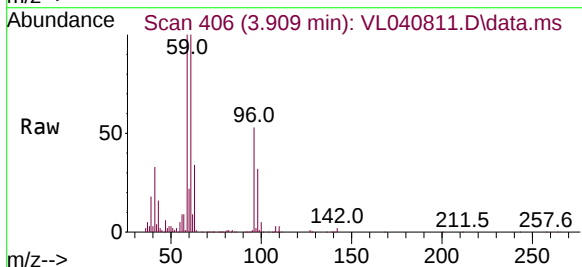
Tgt Ion: 96 Resp: 527851

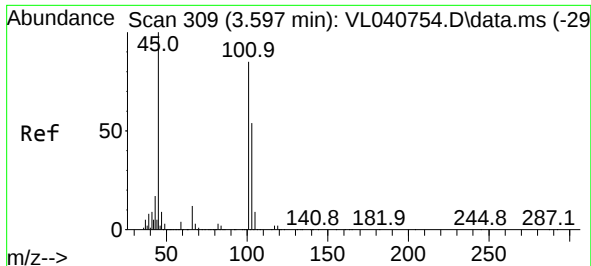
Ion Ratio Lower Upper

96 100

61 188.2 152.5 228.7

98 60.9 49.6 74.4





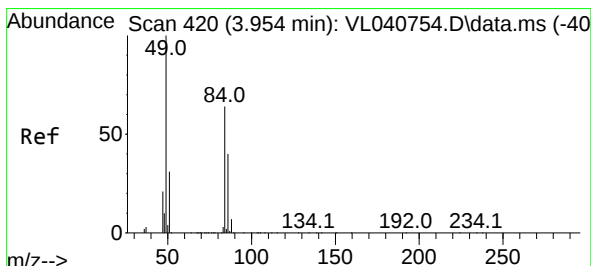
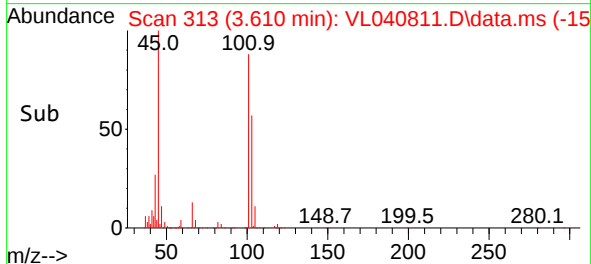
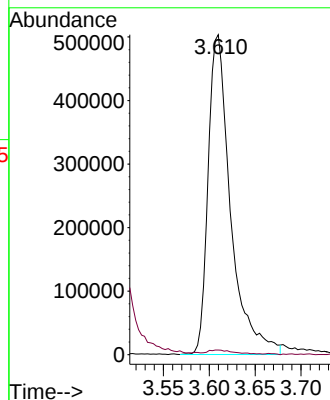
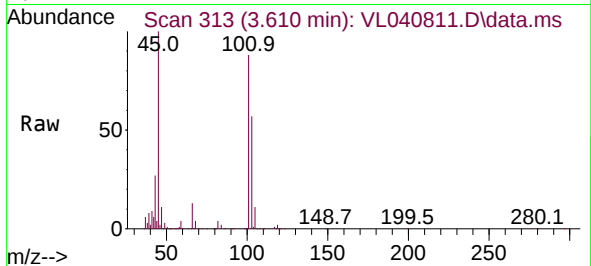
#19
Isopropyl Alcohol
Concen: 11.802 ppbv
RT: 3.610 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 45 Resp: 859254
Ion Ratio Lower Upper
45 100
58 2.0 30.3 45.5

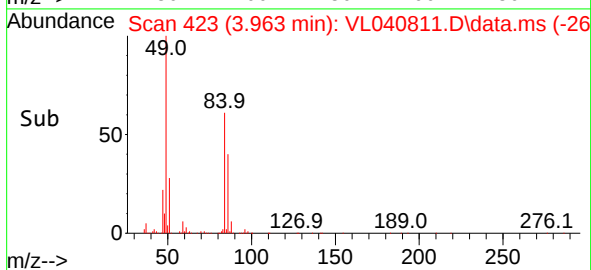
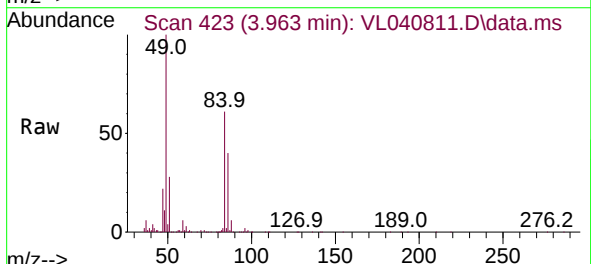
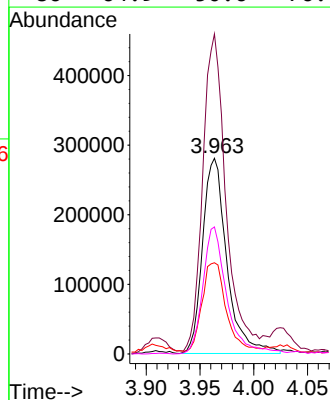
Manual Integrations
APPROVED

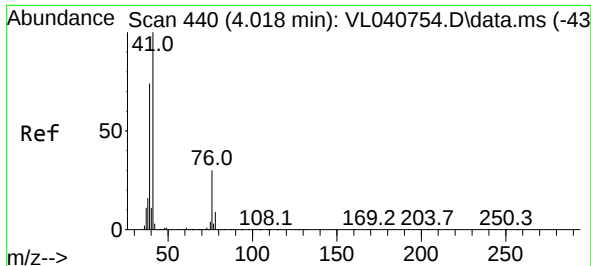
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 9.358 ppbv
RT: 3.963 min Scan# 423
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 84 Resp: 440834
Ion Ratio Lower Upper
84 100
49 162.3 125.6 188.4
51 45.1 38.9 58.3
86 64.9 50.6 76.0





#21
 Allyl Chloride
 Concen: 10.761 ppbv
 RT: 4.024 min Scan# 441
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

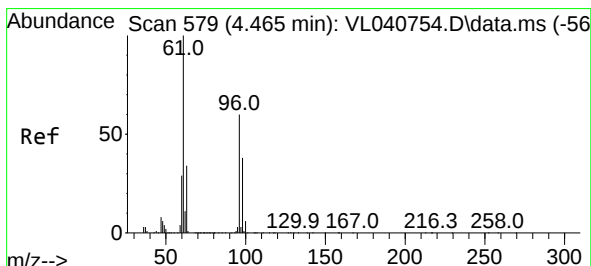
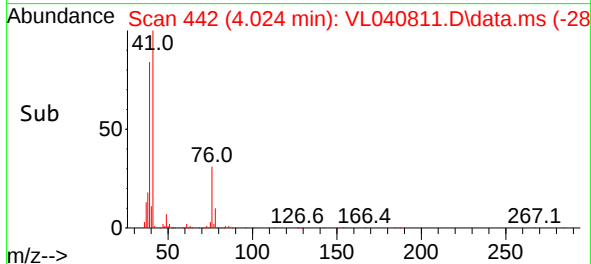
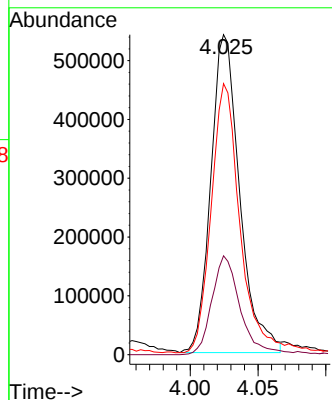
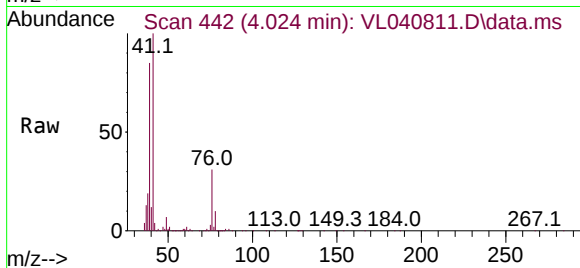
VL1108ABS01

Tgt Ion: 41 Resp: 802638
 Ion Ratio Lower Upper
 41 100
 76 31.0 24.1 36.1
 39 86.8 63.8 95.6

Manual Integrations

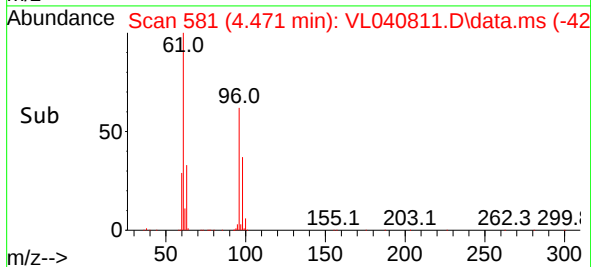
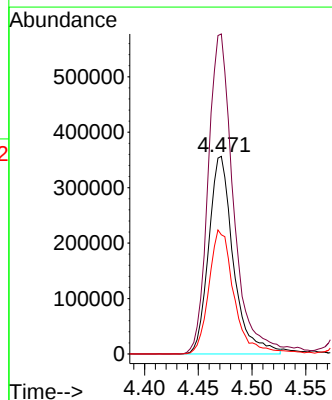
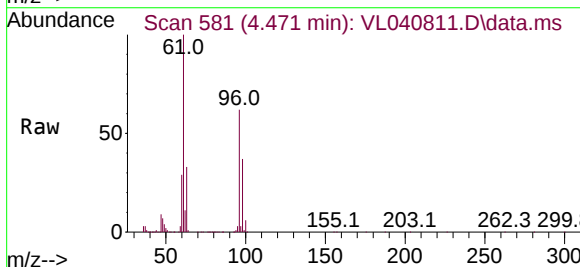
APPROVED

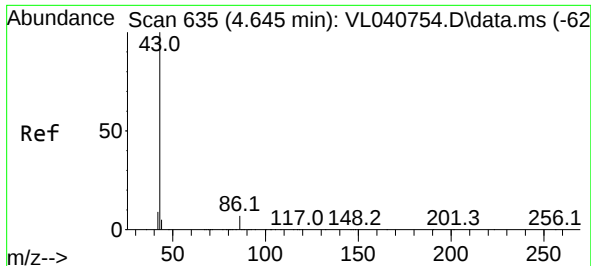
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 11.264 ppbv
 RT: 4.471 min Scan# 581
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 96 Resp: 569807
 Ion Ratio Lower Upper
 96 100
 61 162.0 134.0 201.0
 98 60.3 51.0 76.4





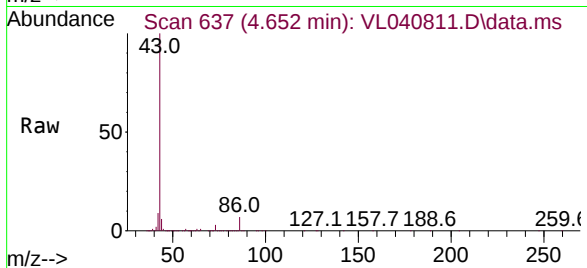
#23
 Vinyl Acetate
 Concen: 9.530 ppbv
 RT: 4.652 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

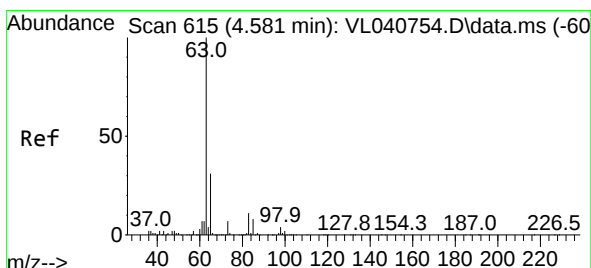
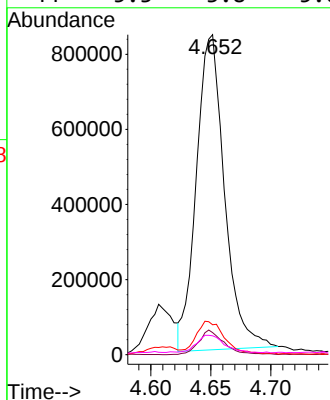
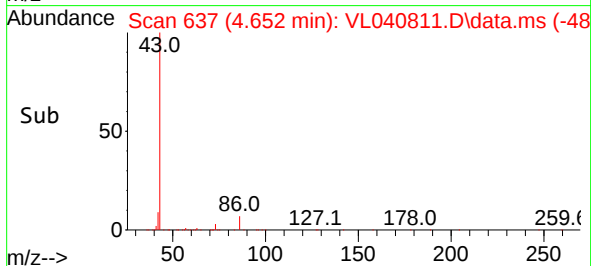


Tgt Ion: 43 Resp: 1373579
 Ion Ratio Lower Upper
 43 100
 86 7.0 4.9 7.3
 42 9.4 7.8 11.6
 44 5.3 3.8 5.6

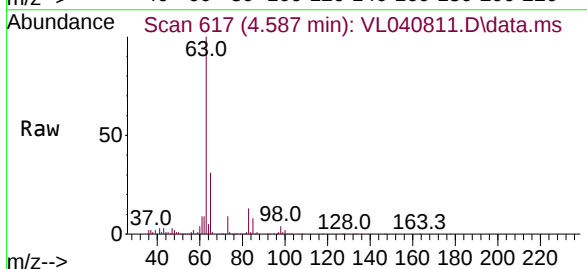
Manual Integrations

APPROVED

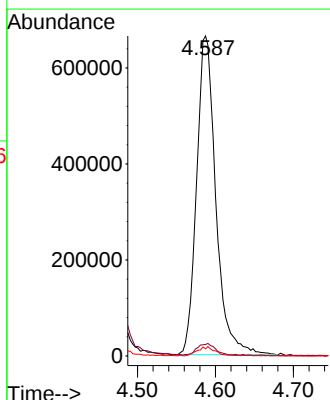
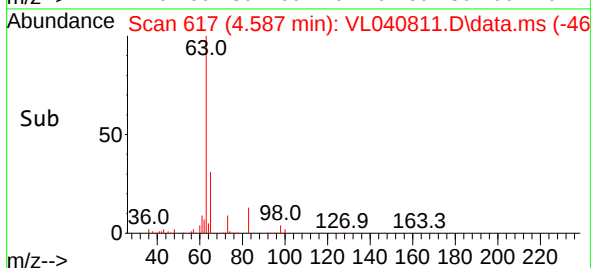
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

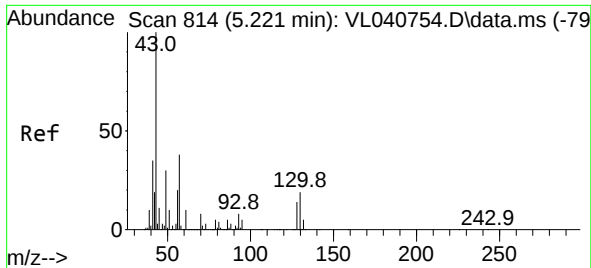


#24
 1,1-Dichloroethane
 Concen: 10.477 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.000 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59



Tgt Ion: 63 Resp: 1138867
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.0 5.8
 100 2.2 1.3 3.8





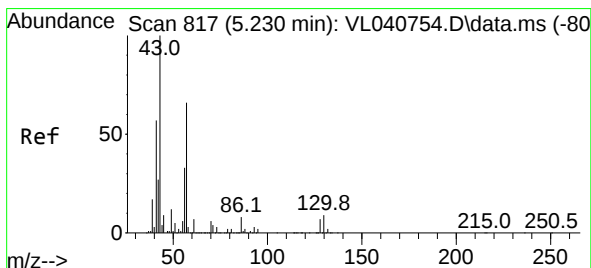
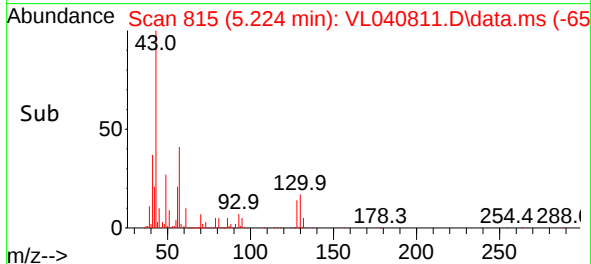
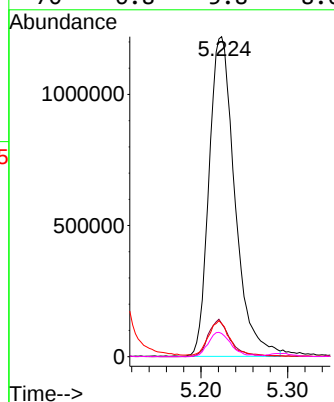
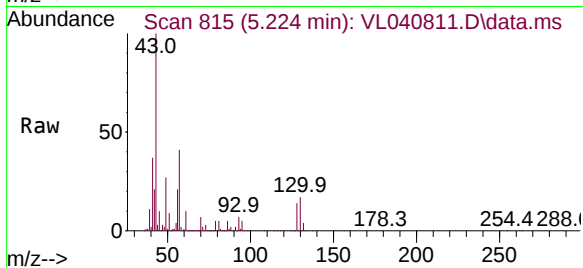
#25
Ethyl Acetate
Concen: 10.192 ppbv
RT: 5.224 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 43 Resp: 252556
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 10.1 8.2 12.2
70 6.8 5.8 8.6

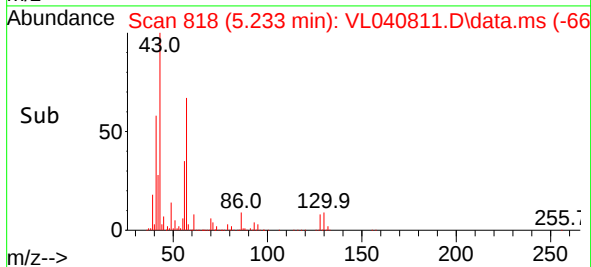
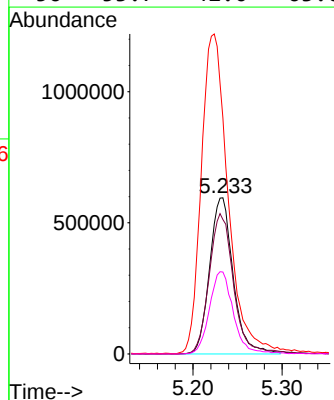
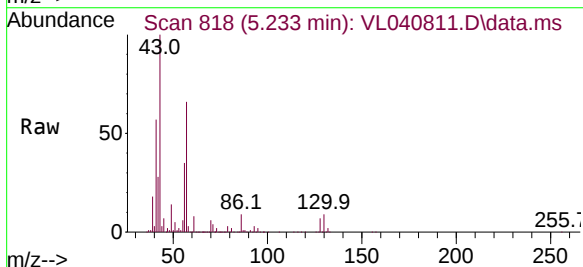
Manual Integrations
APPROVED

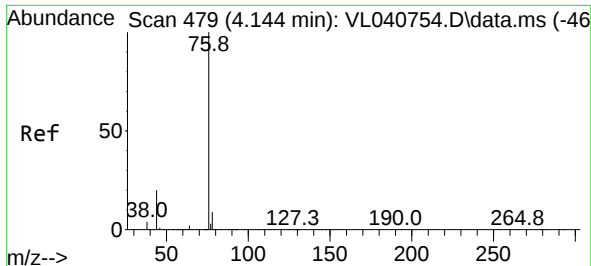
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#26
Hexane
Concen: 9.646 ppbv
RT: 5.233 min Scan# 818
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

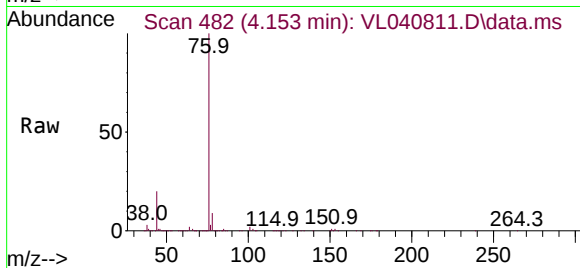
Tgt Ion: 57 Resp: 1092392
Ion Ratio Lower Upper
57 100
41 93.7 71.4 107.2
43 235.3 182.3 273.5
56 53.7 42.0 63.0





#27
Carbon Disulfide
Concen: 11.155 ppbv
RT: 4.153 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

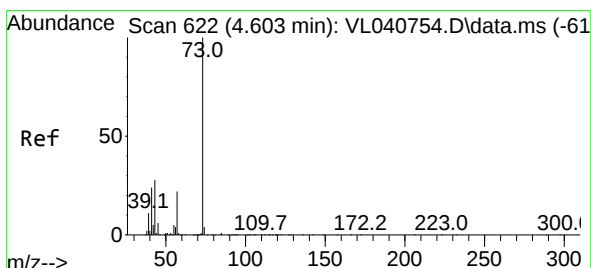
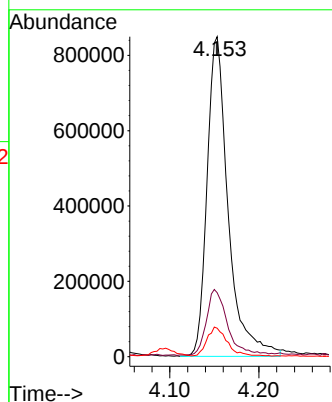
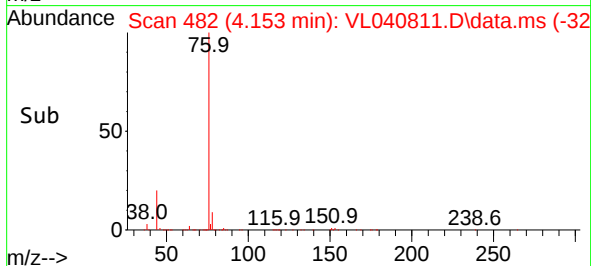
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion: 76 Resp: 139385
Ion Ratio Lower Upper
76 100
44 21.2 16.6 25.0
78 9.6 7.8 11.6

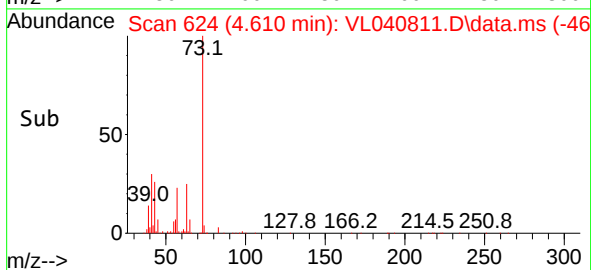
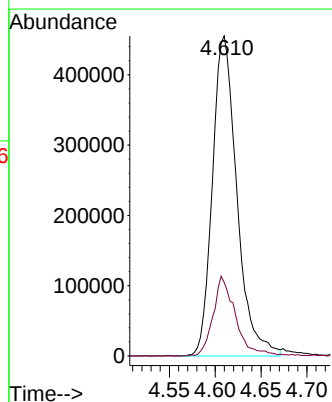
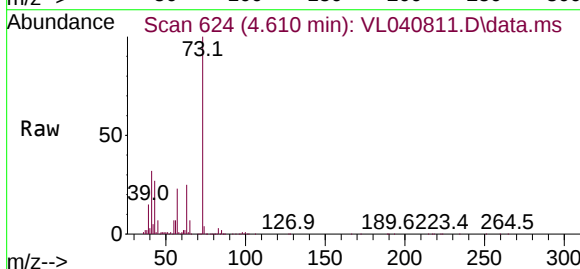
Manual Integrations
APPROVED

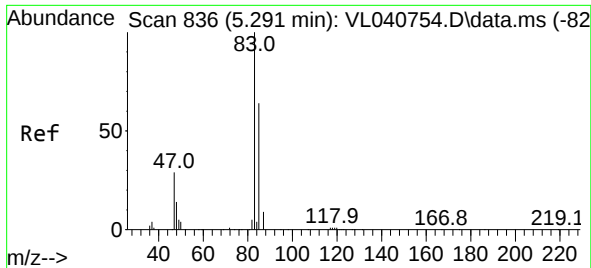
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#28
Methyl tert-Butyl Ether
Concen: 9.607 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

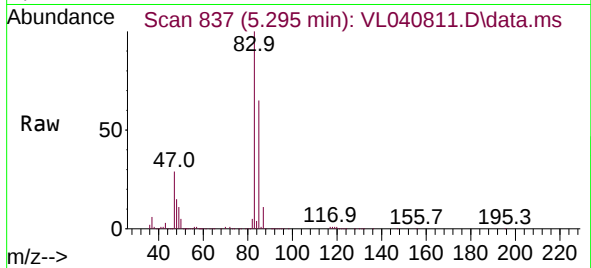
Tgt Ion: 73 Resp: 846059
Ion Ratio Lower Upper
73 100
57 23.1 18.9 28.3





#29
Chloroform
Concen: 11.195 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

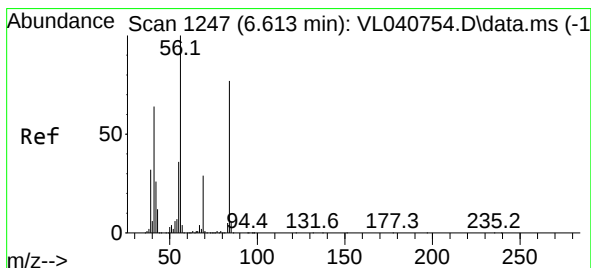
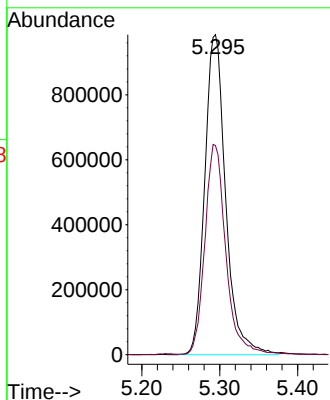
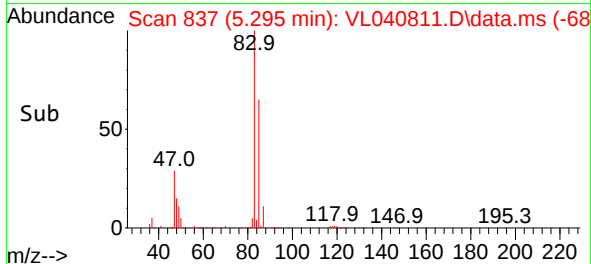
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion: 83 Resp: 183448
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

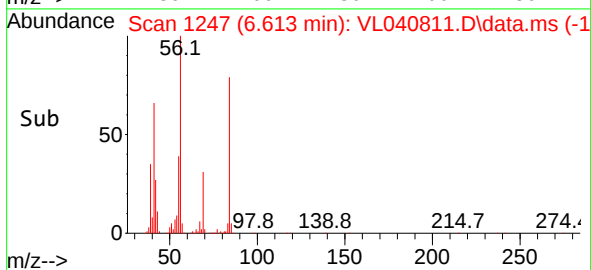
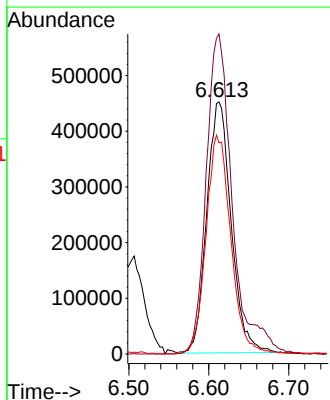
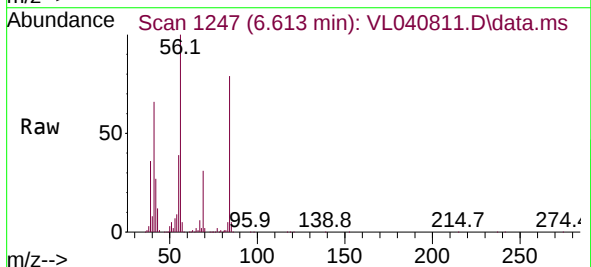
Manual Integrations
APPROVED

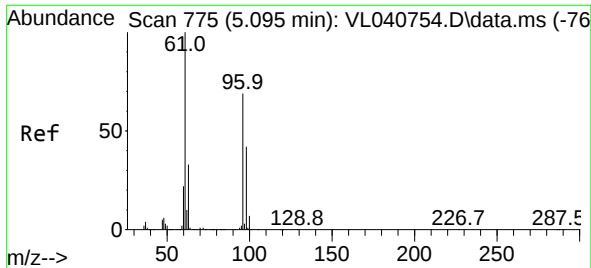
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#30
Cyclohexane
Concen: 9.951 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

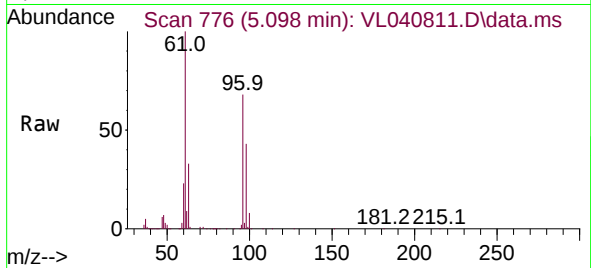
Tgt Ion: 84 Resp: 959053
Ion Ratio Lower Upper
84 100
56 136.3 110.3 165.5
41 88.9 67.4 101.2





#31
cis-1,2-Dichloroethene
Concen: 10.939 ppbv
RT: 5.098 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

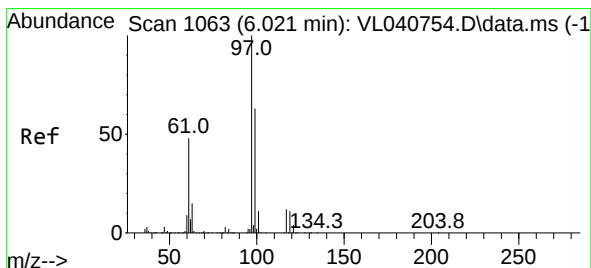
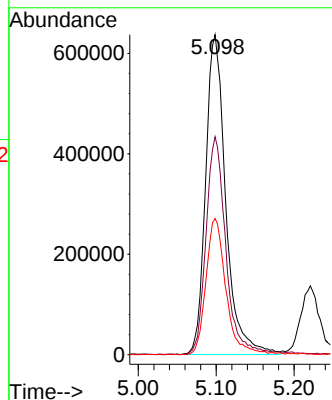
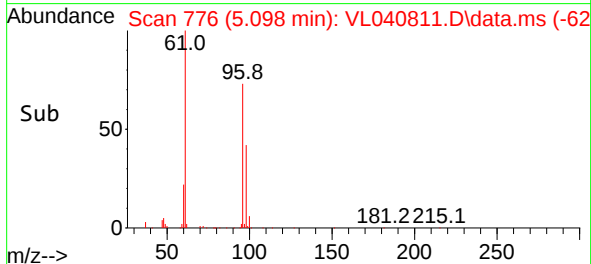
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion: 61 Resp: 114165
Ion Ratio Lower Upper
61 100
96 68.2 55.1 82.7
98 42.5 33.5 50.3

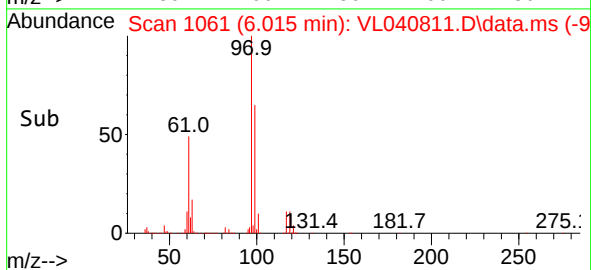
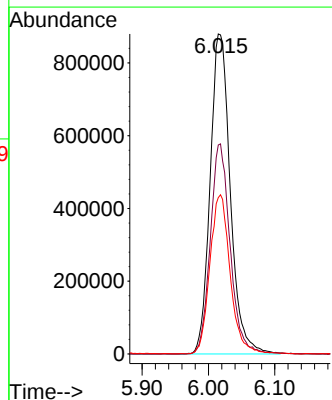
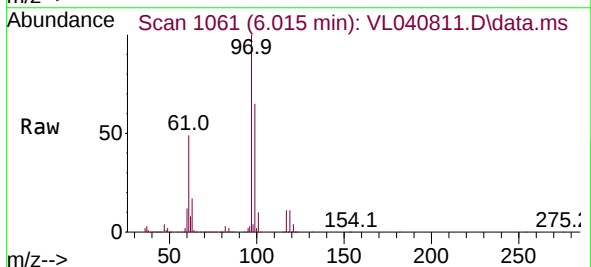
Manual Integrations
APPROVED

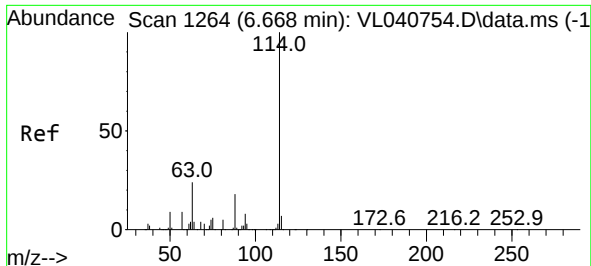
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 10.658 ppbv
RT: 6.015 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 97 Resp: 1858952
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 50.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion:114 Resp: 2792339

Ion Ratio Lower Upper

114 100

63 25.6 19.8 29.6

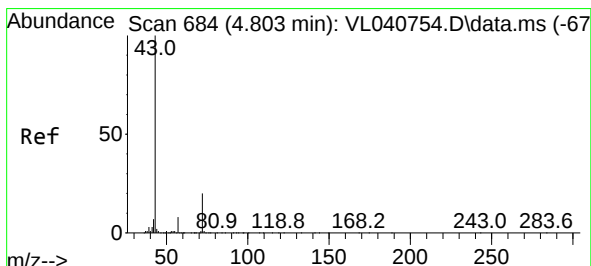
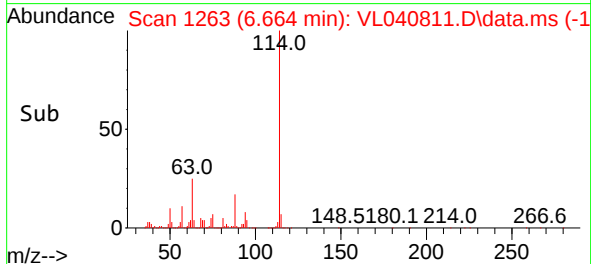
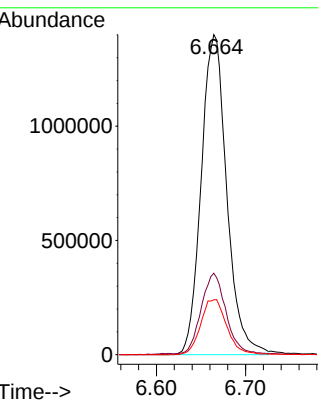
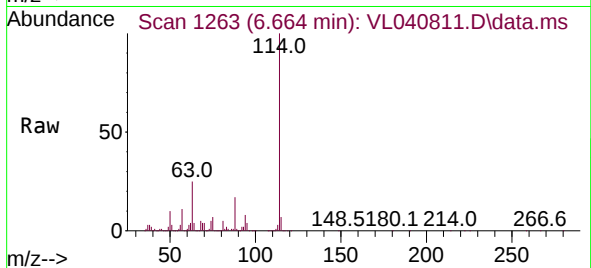
88 17.7 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

2-Butanone

Concen: 10.154 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.000 min

Lab File: VL040811.D

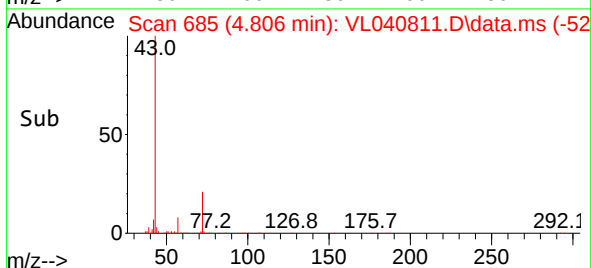
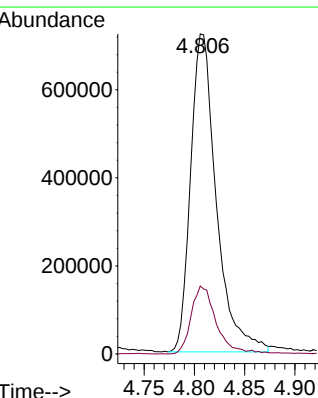
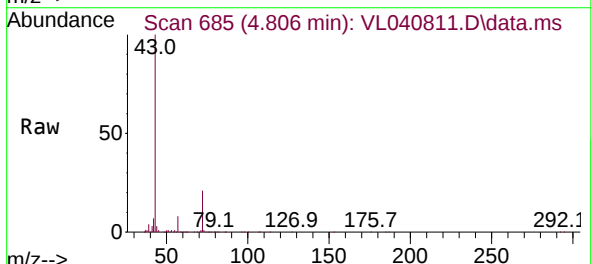
Acq: 8 Nov 2023 14:59

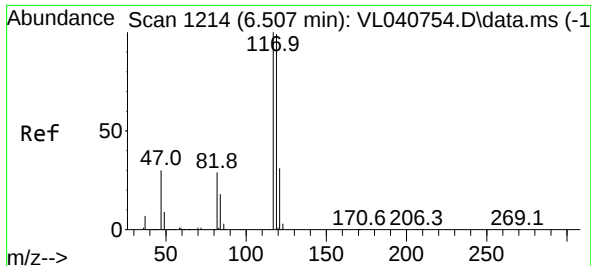
Tgt Ion: 43 Resp: 1283425

Ion Ratio Lower Upper

43 100

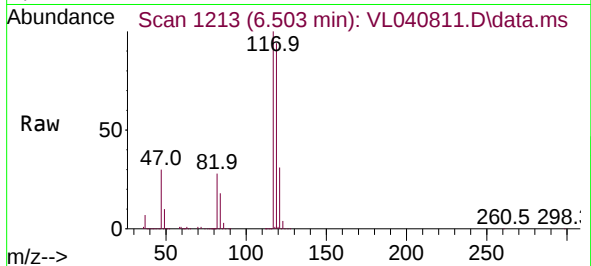
72 21.5 16.8 25.2





#35
Carbon Tetrachloride
Concen: 12.652 ppbv
RT: 6.503 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

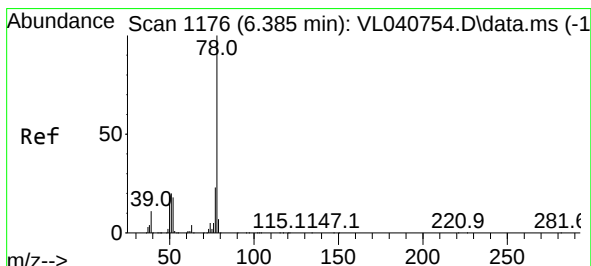
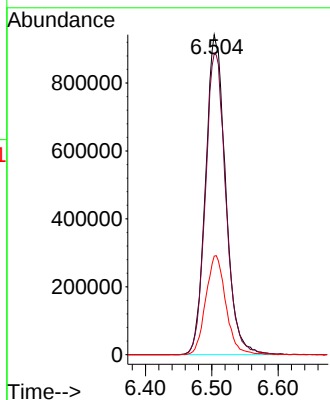
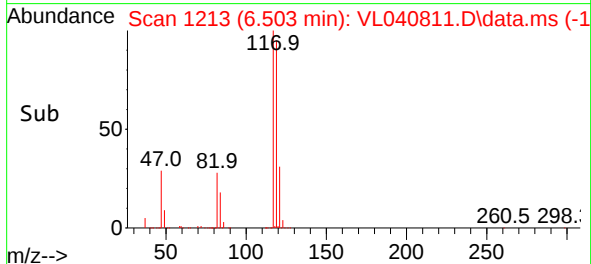
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



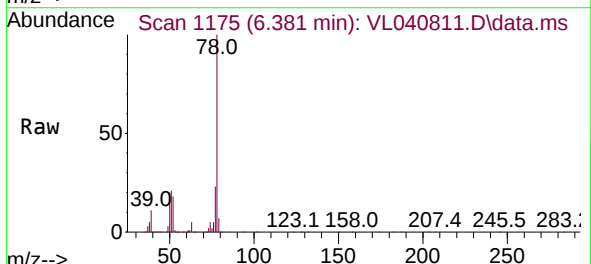
Tgt Ion: 117 Resp: 198289
Ion Ratio Lower Upper
117 100
119 94.0 79.4 119.0
121 30.8 25.0 37.4

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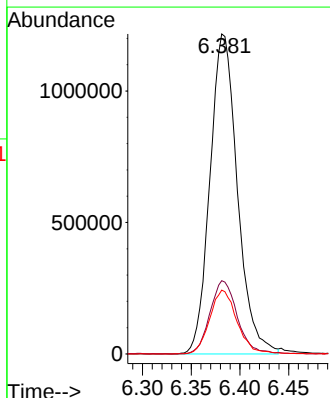
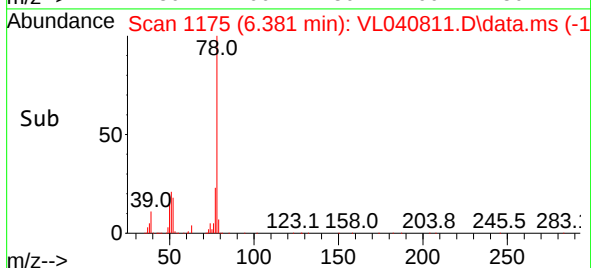
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

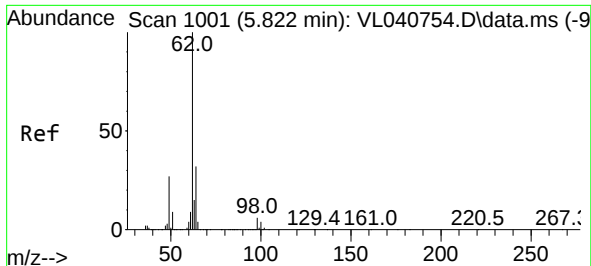


#36
Benzene
Concen: 11.108 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



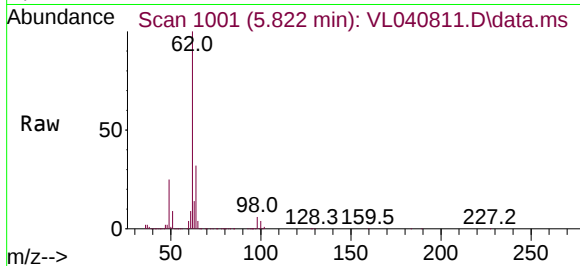
Tgt Ion: 78 Resp: 2385894
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6
50 19.9 15.0 22.4





#37
1,2-Dichloroethane
Concen: 13.019 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

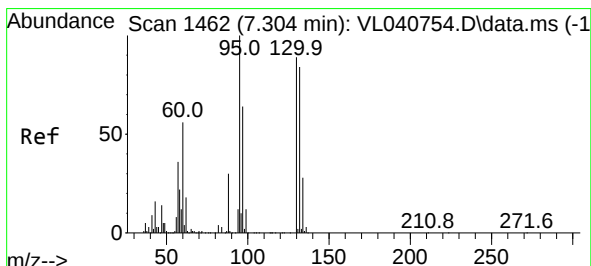
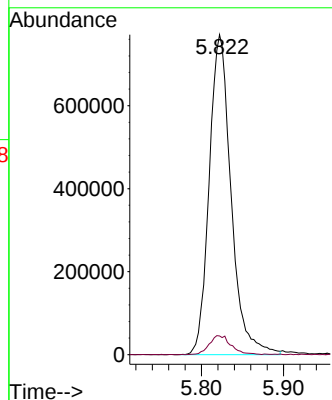
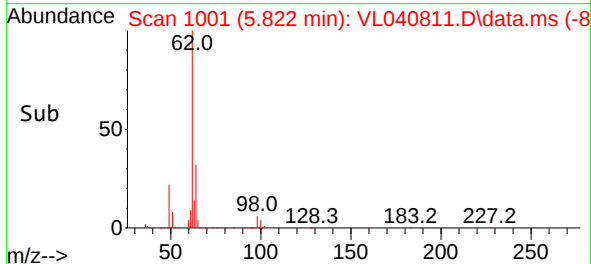
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



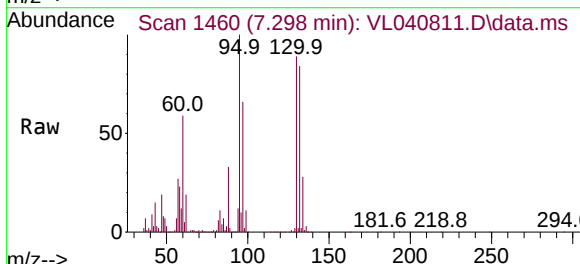
Tgt Ion: 62 Resp: 143204
Ion Ratio Lower Upper
62 100
98 6.2 5.4 8.0

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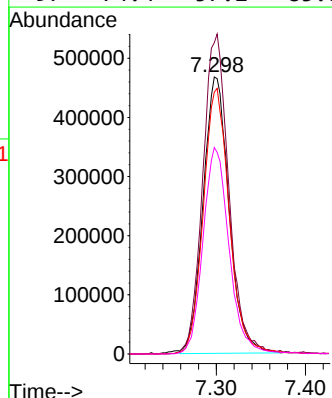
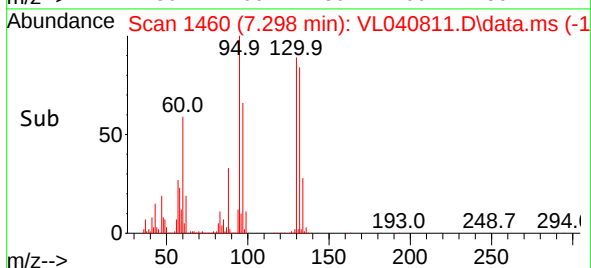
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

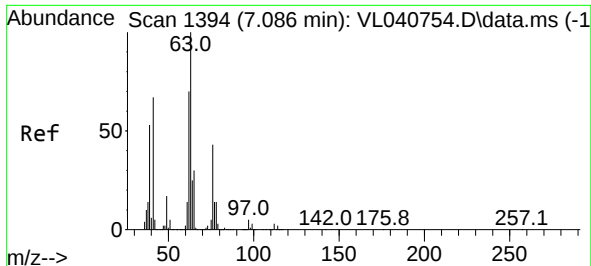


#38
Trichloroethene
Concen: 9.953 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



Tgt Ion:130 Resp: 946069
Ion Ratio Lower Upper
130 100
95 112.0 89.4 134.2
132 94.2 74.8 112.2
97 74.4 57.2 85.8





#39

1,2-Dichloropropane

Concen: 11.232 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion: 63 Resp: 942508

Ion Ratio Lower Upper

63 100

41 73.1 53.7 80.5

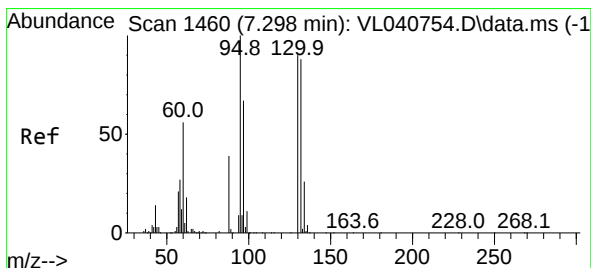
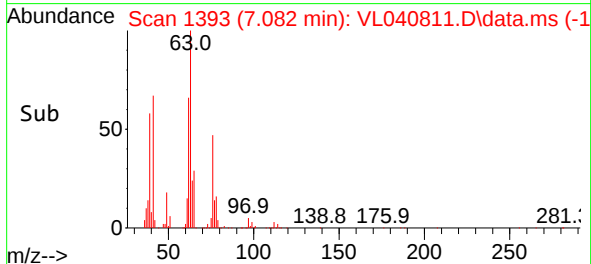
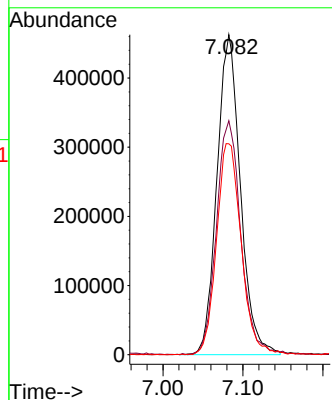
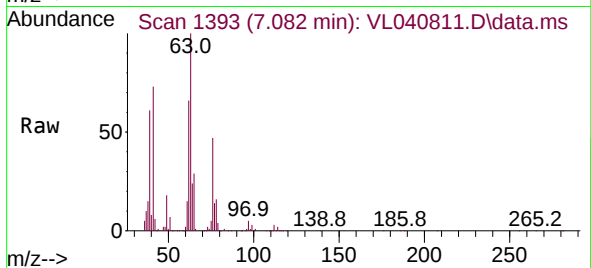
62 65.8 55.7 83.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

1,4-Dioxane

Concen: 12.652 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Tgt Ion: 88 Resp: 401760

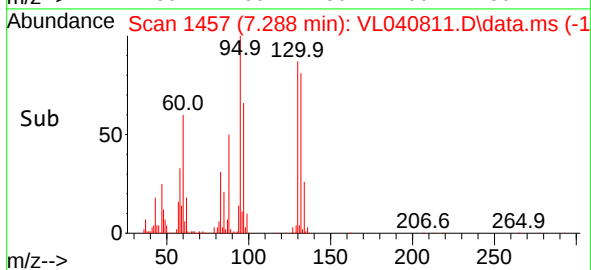
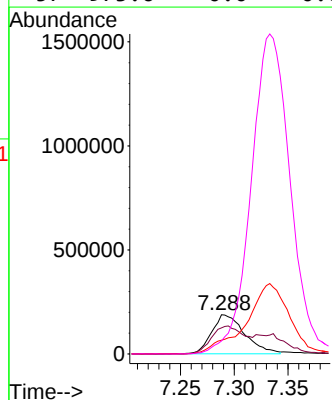
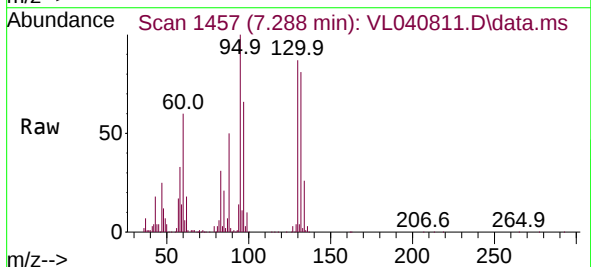
Ion Ratio Lower Upper

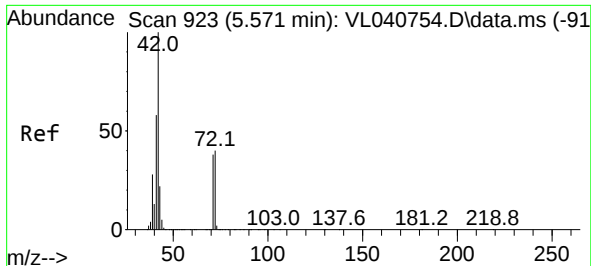
88 100

58 120.6 100.0 150.0

43 232.3 0.0 0.0#

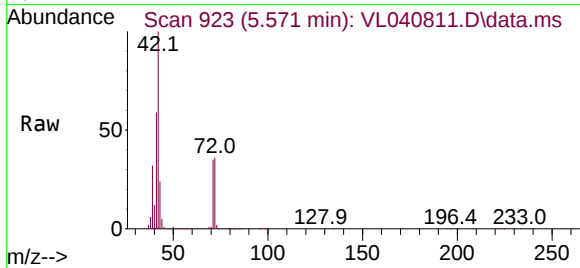
57 973.6 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.331 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

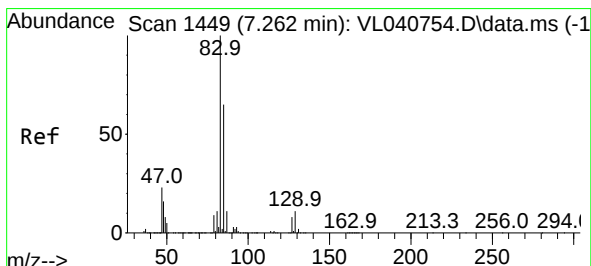
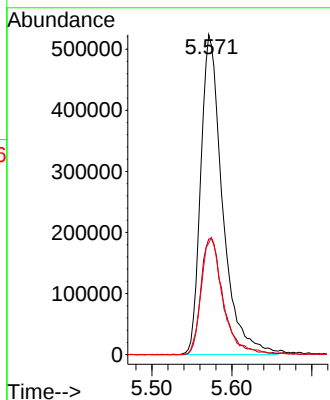
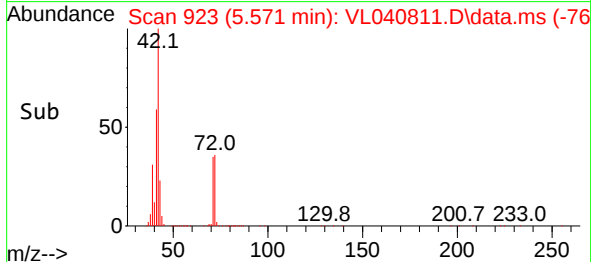
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



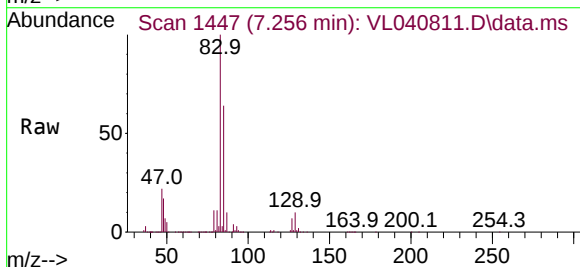
Tgt Ion: 42 Resp: 99177
Ion Ratio Lower Upper
42 100
72 37.6 31.1 46.7
71 37.2 29.7 44.5

Manual Integrations
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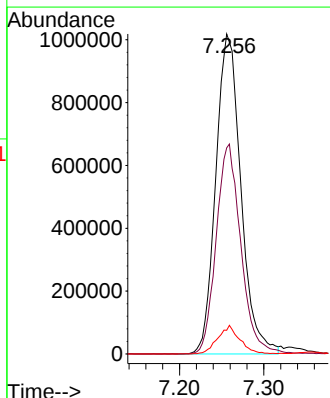
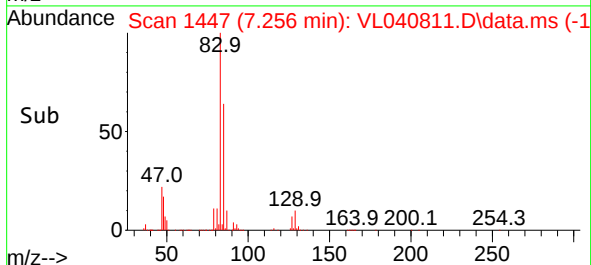
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

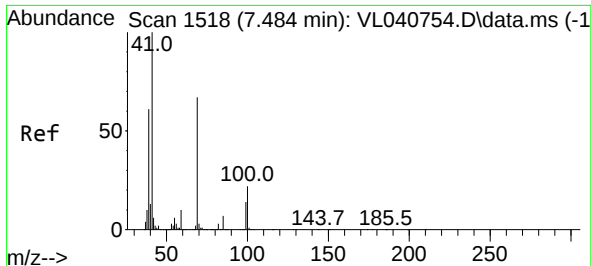


#42
Bromodichloromethane
Concen: 12.769 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



Tgt Ion: 83 Resp: 2104058
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 7.4 6.7 10.1





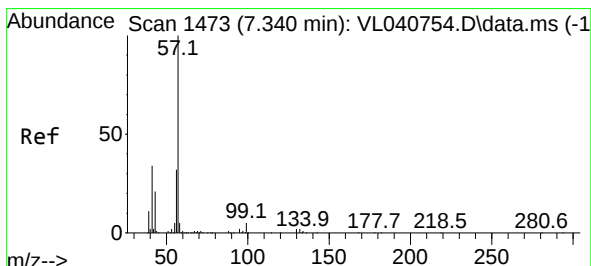
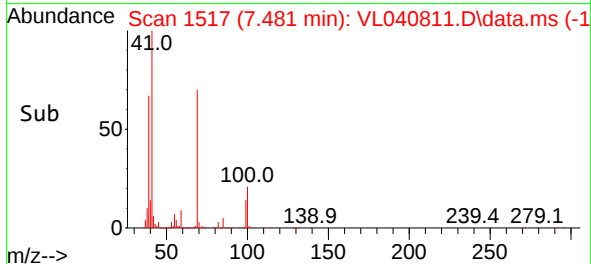
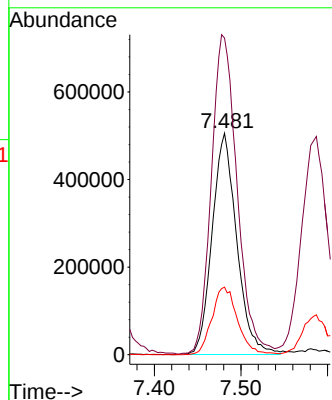
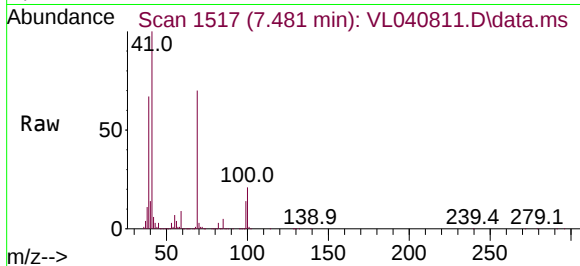
#43
Methyl Methacrylate
Concen: 11.601 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 69 Resp: 99744
Ion Ratio Lower Upper
69 100
41 151.2 120.6 181.0
100 31.8 27.1 40.7

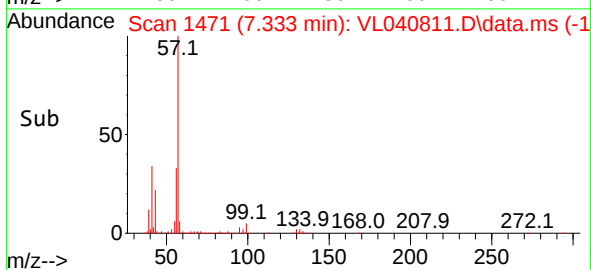
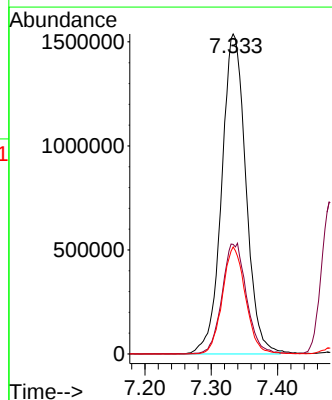
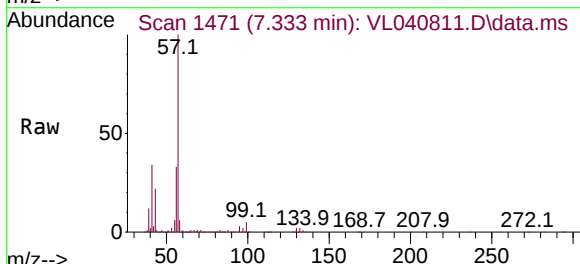
Manual Integrations
APPROVED

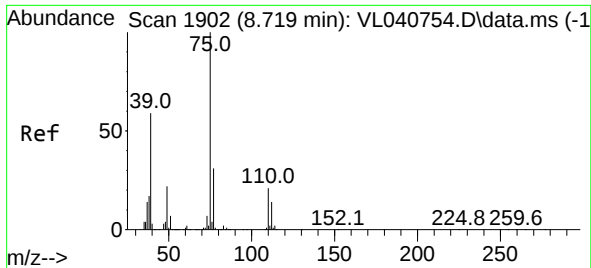
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
2,2,4-Trimethylpentane
Concen: 10.716 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 57 Resp: 3892222
Ion Ratio Lower Upper
57 100
41 34.9 27.4 41.0
56 32.0 25.0 37.6





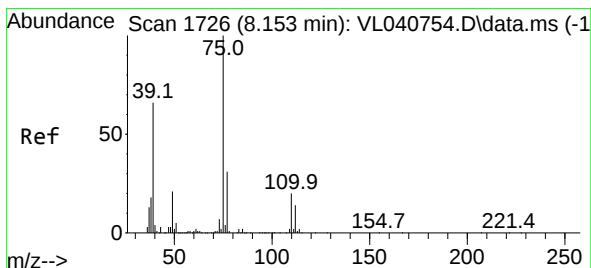
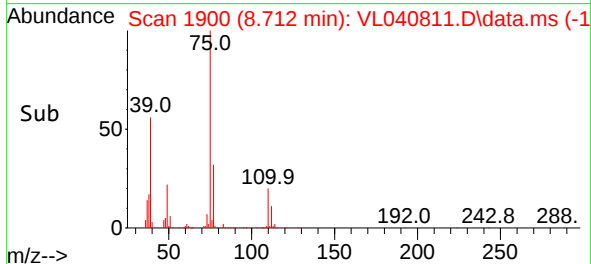
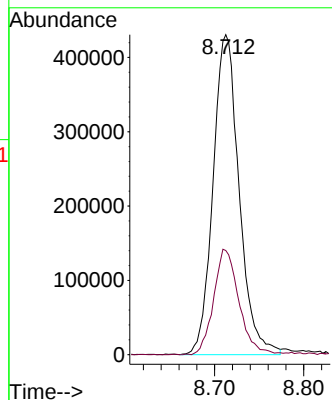
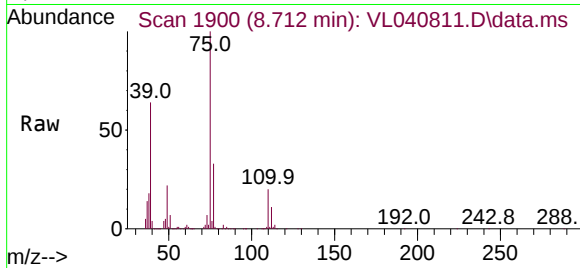
#45
 t-1,3-Dichloropropene
 Concen: 12.790 ppbv
 RT: 8.712 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABS01

Tgt Ion: 75 Resp: 876809
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3

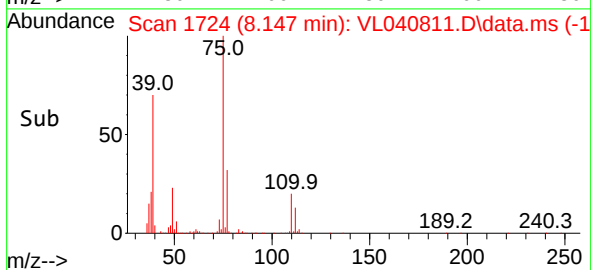
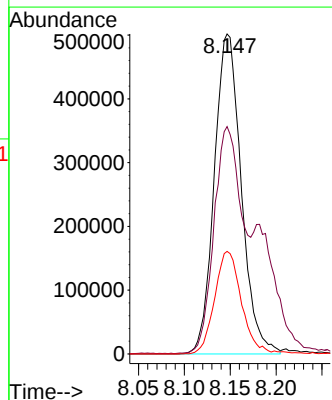
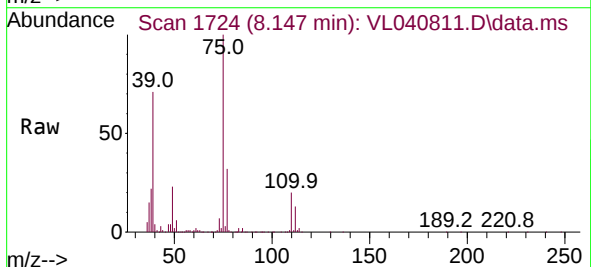
Manual Integrations
 APPROVED

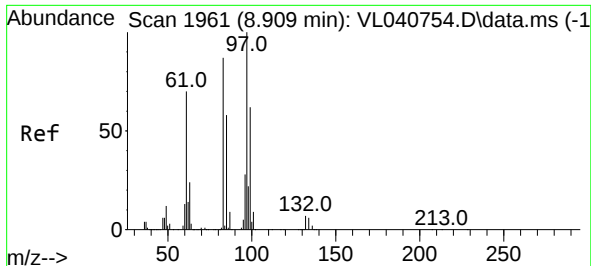
Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#46
 cis-1,3-Dichloropropene
 Concen: 12.262 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

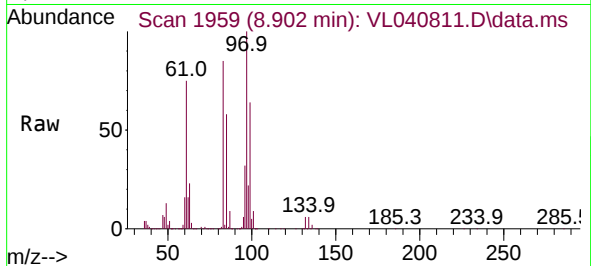
Tgt Ion: 75 Resp: 1027063
 Ion Ratio Lower Upper
 75 100
 39 70.8 52.4 78.6
 77 32.0 25.1 37.7





#47
1,1,2-Trichloroethane
Concen: 11.428 ppbv
RT: 8.902 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

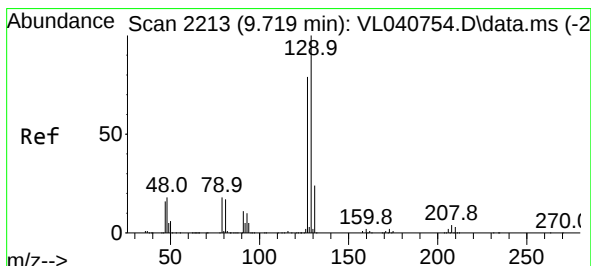
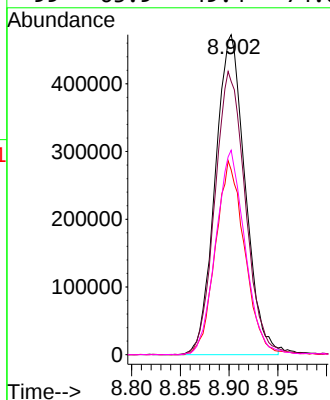
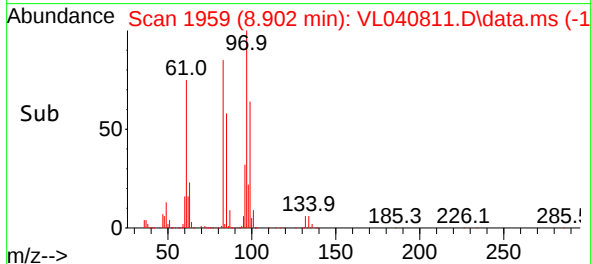
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



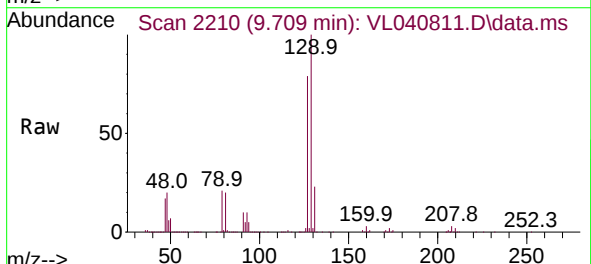
Tgt Ion: 97 Resp: 1007302
Ion Ratio Lower Upper
97 100
83 85.3 69.5 104.3
85 57.7 46.6 69.8
99 63.9 49.4 74.0

Manual Integrations
APPROVED

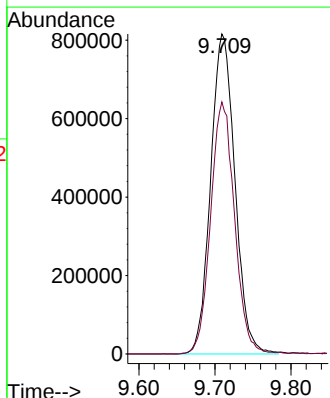
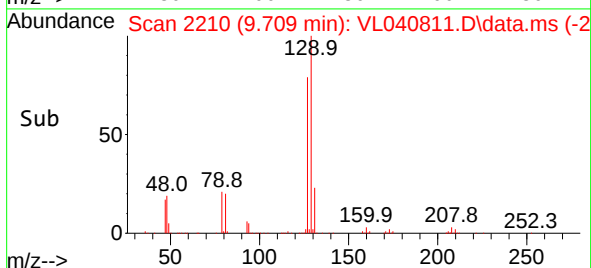
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

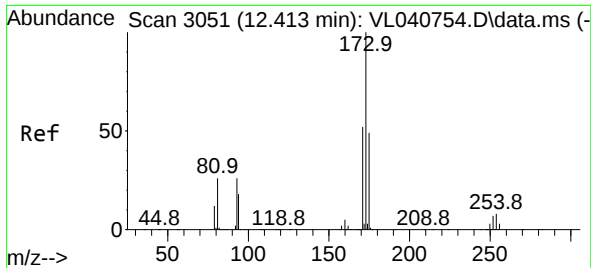


#48
Dibromochloromethane
Concen: 12.249 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



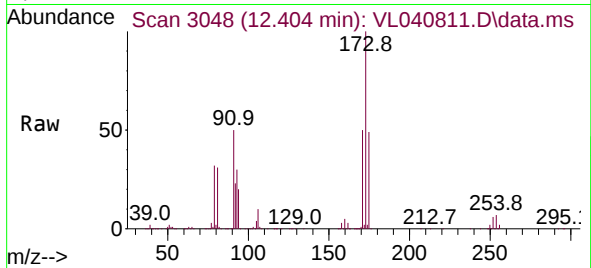
Tgt Ion:129 Resp: 1809340
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#49
Bromoform
Concen: 12.060 ppbv
RT: 12.404 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

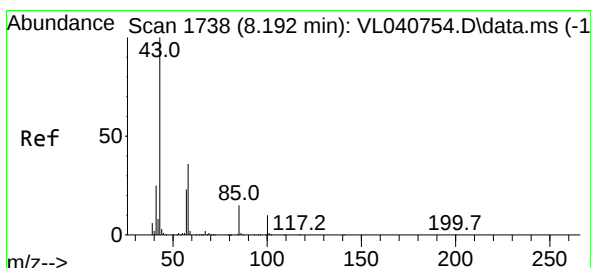
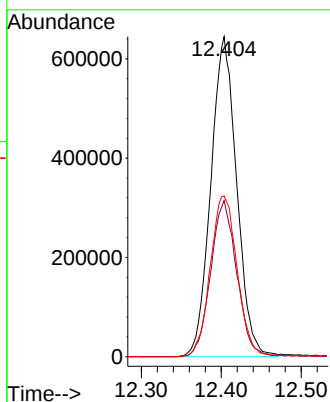
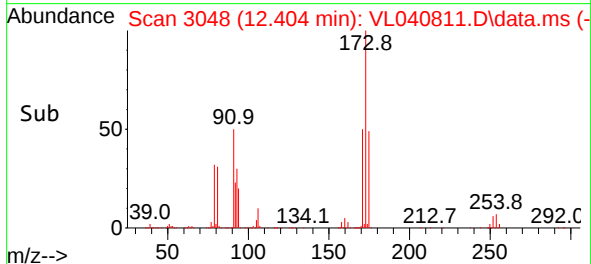
Instrument : MSVOA_L
ClientSampleId : VL1108ABS01



Tgt Ion:173 Resp: 144806
Ion Ratio Lower Upper
173 100
175 49.3 39.2 58.8
171 52.6 42.0 63.0

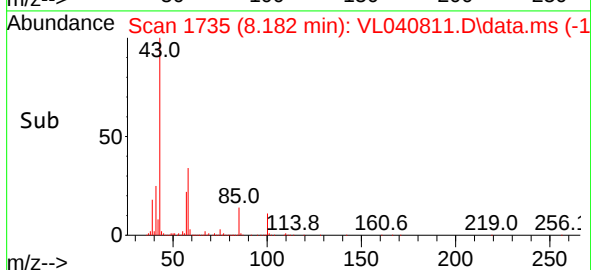
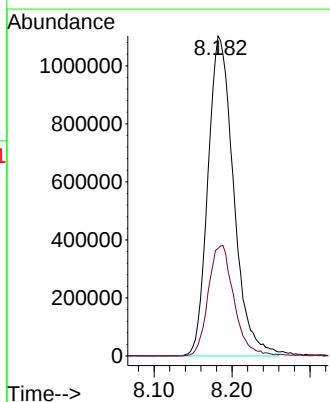
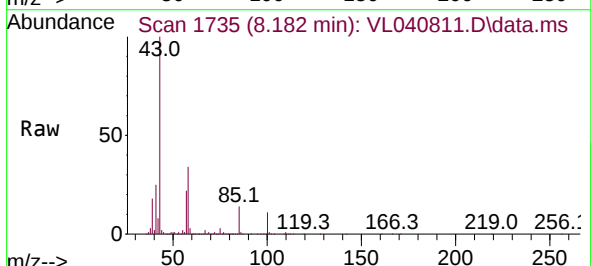
Manual Integrations
APPROVED

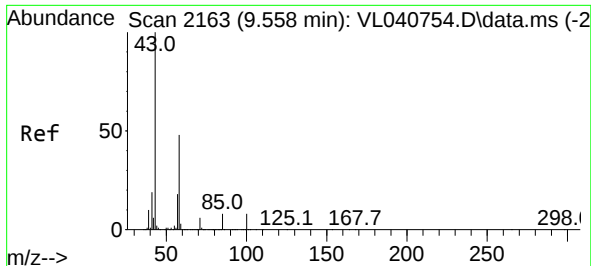
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
4-Methyl-2-Pentanone
Concen: 11.648 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

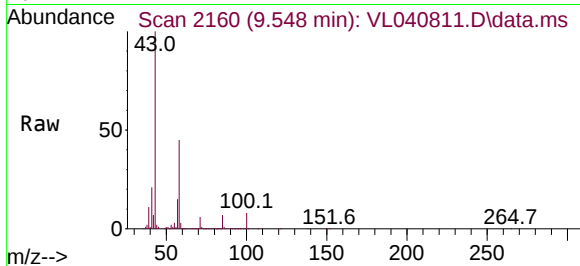
Tgt Ion: 43 Resp: 2518604
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2





#51
2-Hexanone
Concen: 11.456 ppbv
RT: 9.548 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

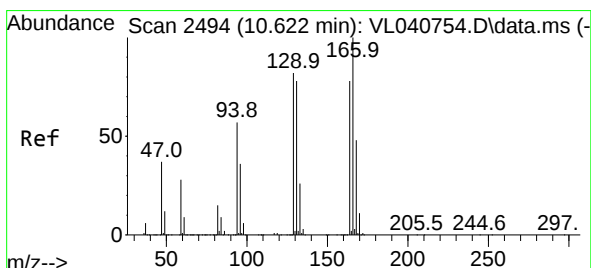
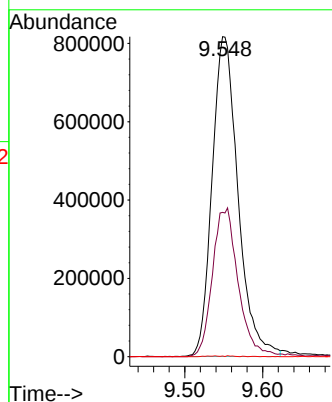
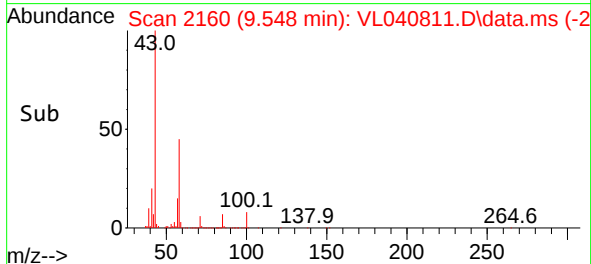
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion: 43 Resp: 1885138
Ion Ratio Lower Upper
43 100
58 46.7 38.6 58.0
98 0.3 0.0 0.0

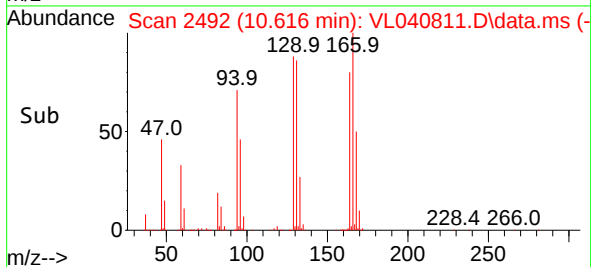
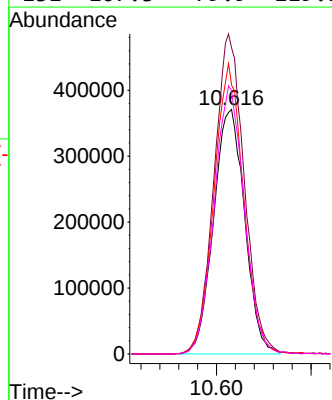
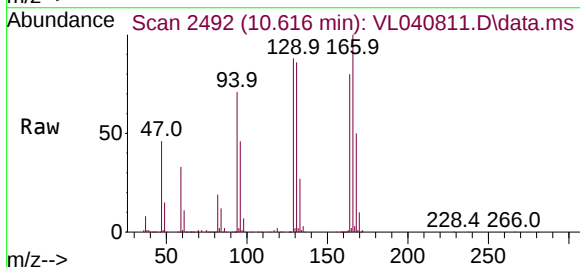
Manual Integrations
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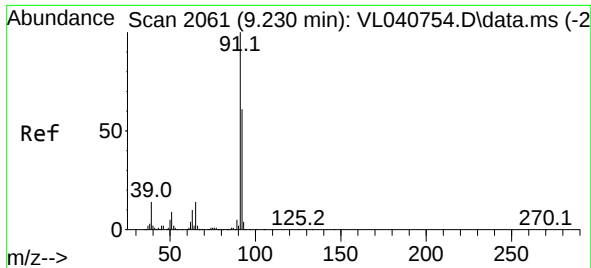
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Tetrachloroethene
Concen: 9.687 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:164 Resp: 845099
Ion Ratio Lower Upper
164 100
166 125.0 102.4 153.6
129 109.8 84.2 126.4
131 107.3 79.9 119.9





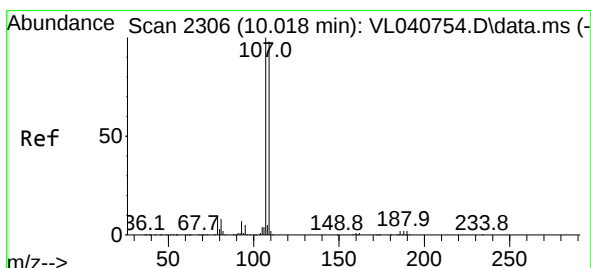
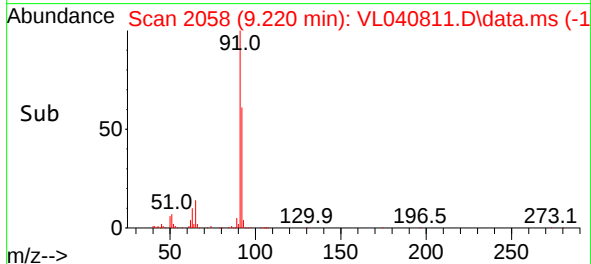
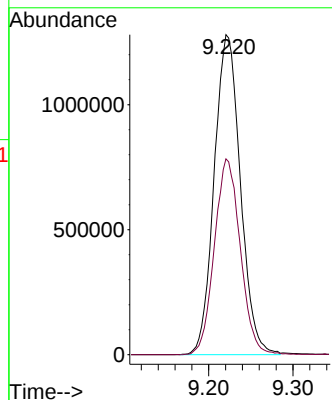
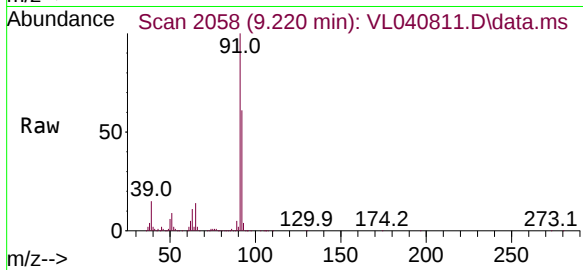
#53
Toluene
Concen: 10.806 ppbv
RT: 9.220 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 91 Resp: 276212
Ion Ratio Lower Upper
91 100
92 60.7 50.2 75.2

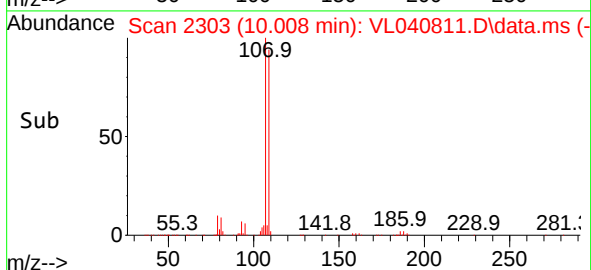
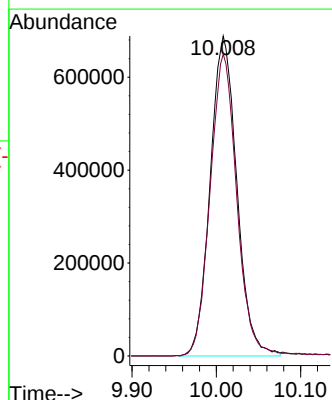
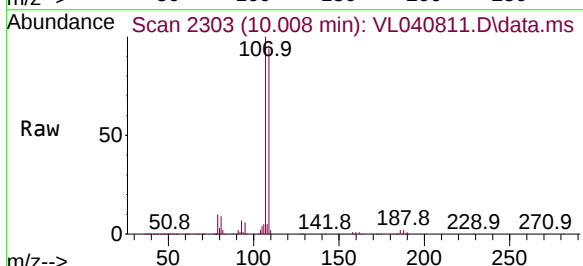
Manual Integrations
APPROVED

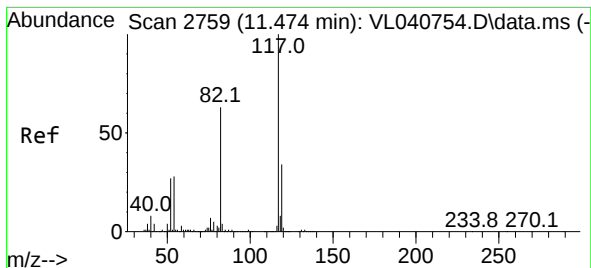
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#54
1,2-Dibromoethane
Concen: 12.216 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:107 Resp: 1509546
Ion Ratio Lower Upper
107 100
109 94.3 78.2 117.2





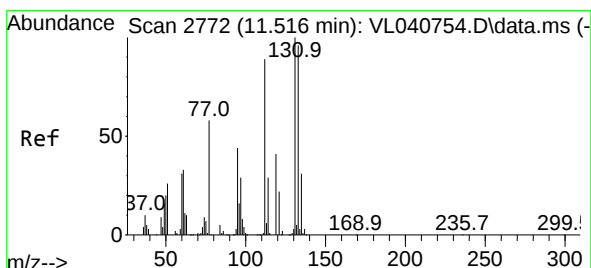
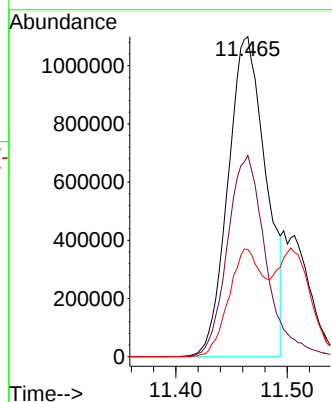
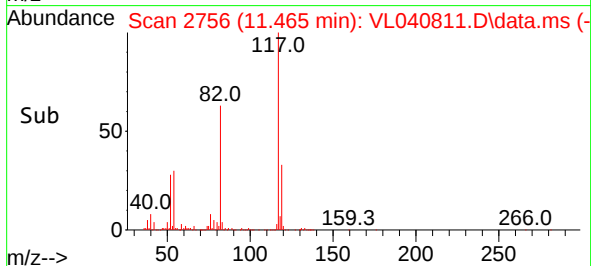
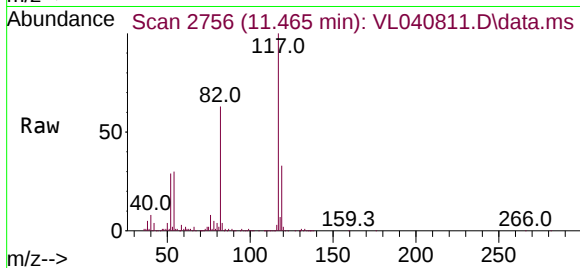
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion:117 Resp: 2607298
Ion Ratio Lower Upper
117 100
82 63.9 46.6 70.0
119 29.3 26.0 39.0

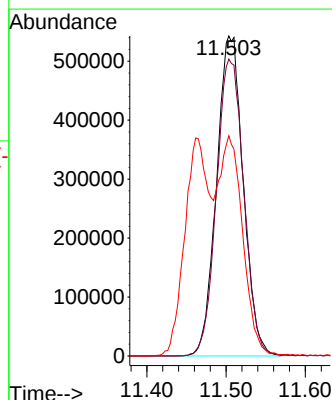
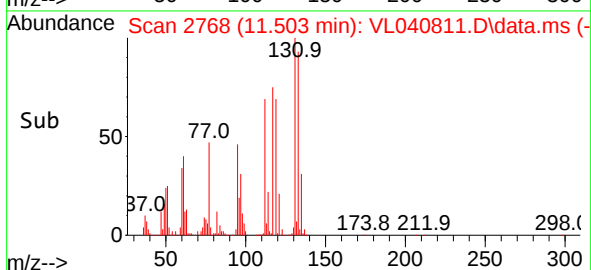
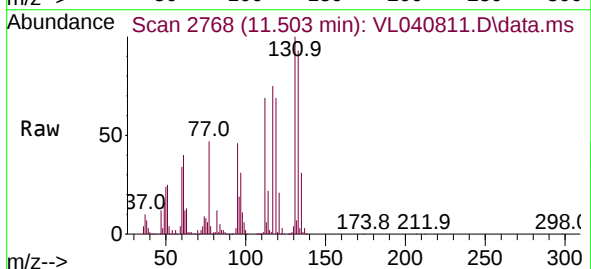
Manual Integrations
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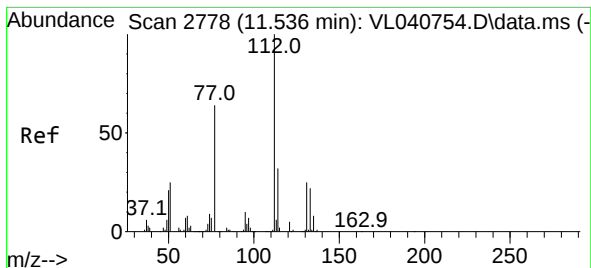
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 11.922 ppbv m
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

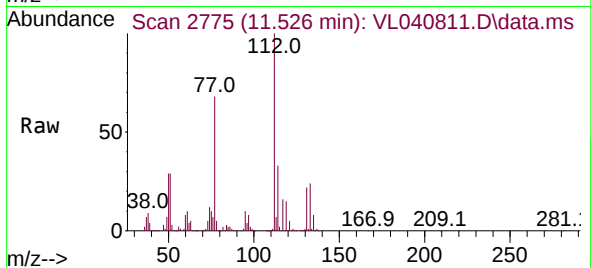
Tgt Ion:131 Resp: 1268626
Ion Ratio Lower Upper
131 100
133 0.0 75.0 112.6#
119 0.0 45.4 68.0#





#57
Chlorobenzene
Concen: 11.411 ppbv
RT: 11.526 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

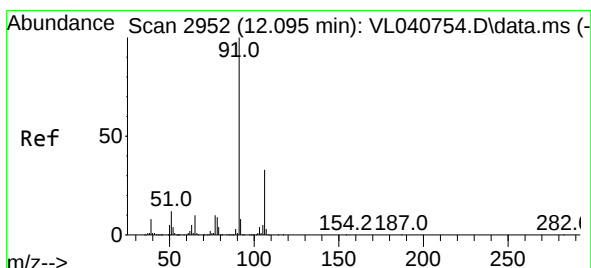
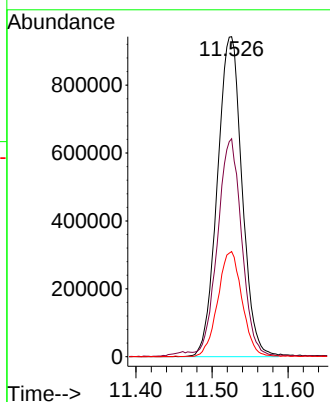
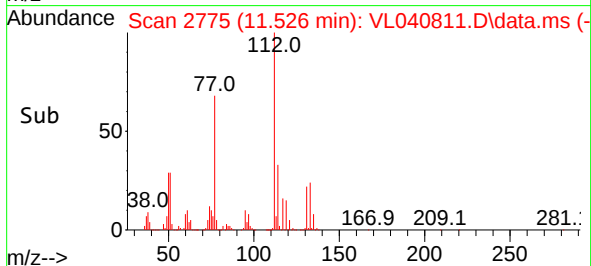
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion:112 Resp: 2131792
Ion Ratio Lower Upper
112 100
77 67.7 51.9 77.9
114 32.7 28.6 35.0

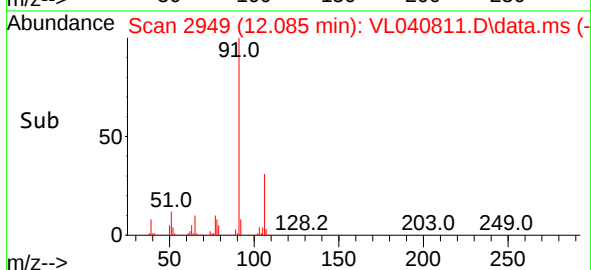
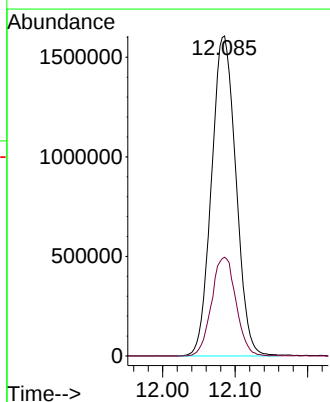
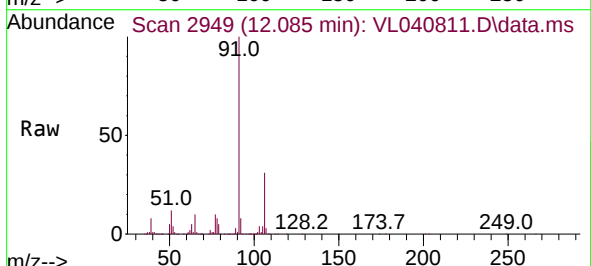
Manual Integrations
APPROVED

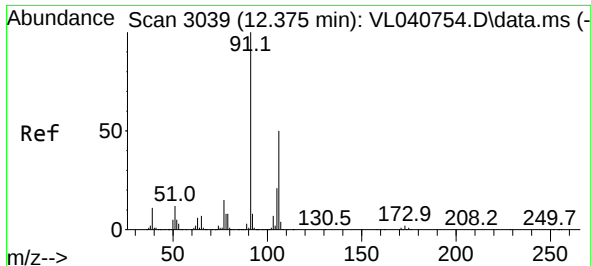
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#58
Ethyl Benzene
Concen: 11.434 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 91 Resp: 3753458
Ion Ratio Lower Upper
91 100
106 30.9 26.7 40.1





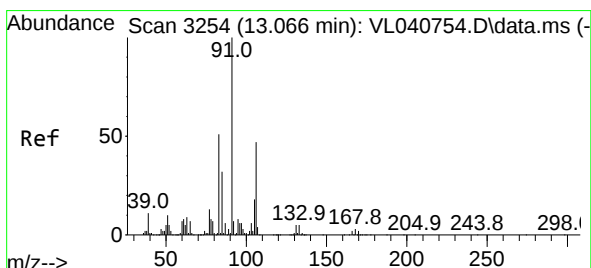
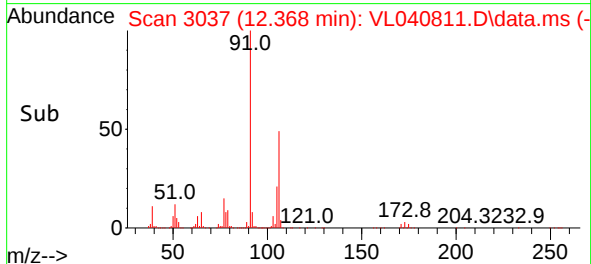
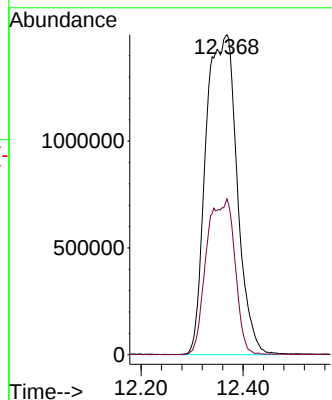
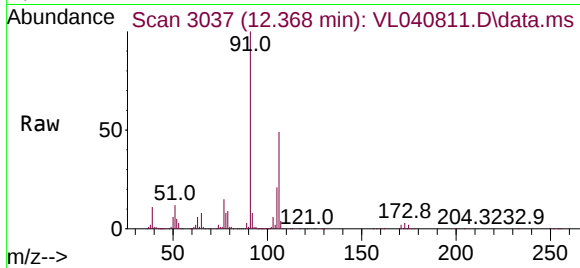
#59
m/p-Xylene
Concen: 23.471 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 91 Resp: 6341359
Ion Ratio Lower Upper
91 100
106 44.2 37.7 56.5

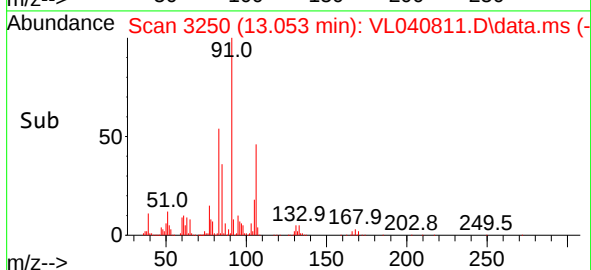
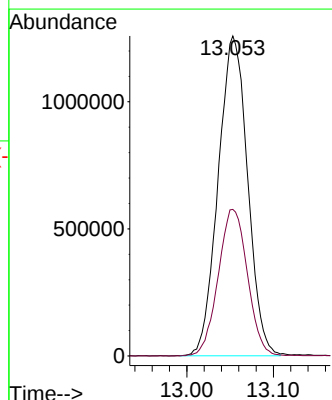
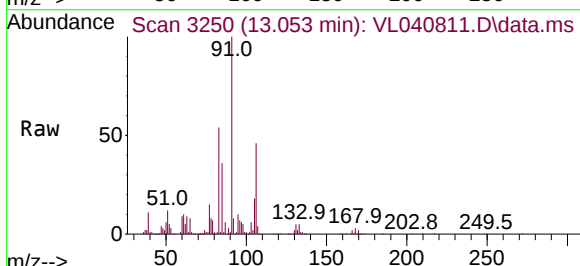
Manual Integrations
APPROVED

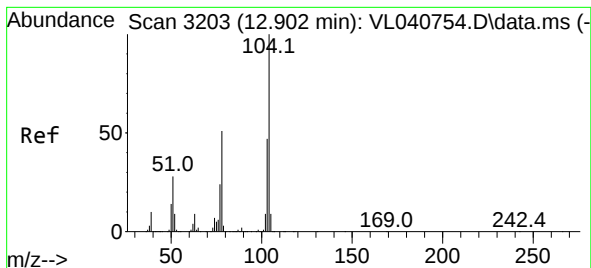
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
o-Xylene
Concen: 11.532 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 91 Resp: 2968753
Ion Ratio Lower Upper
91 100
106 45.8 23.5 70.5





#61

Styrene

Concen: 11.528 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion:104 Resp: 164424

Ion Ratio Lower Upper

104 100

78 52.4 39.8 59.6

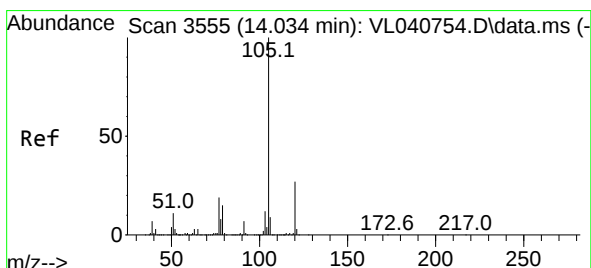
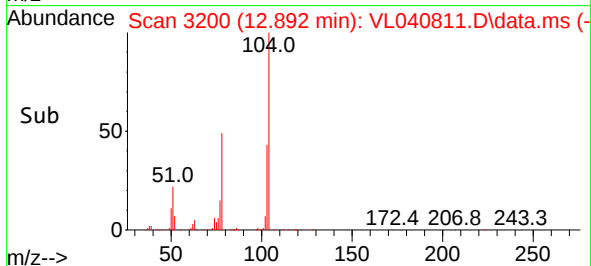
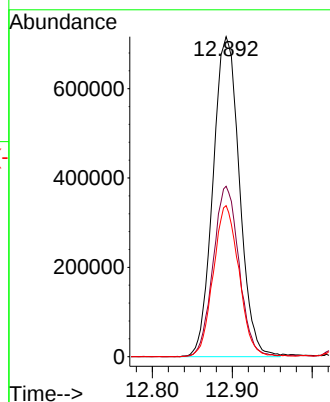
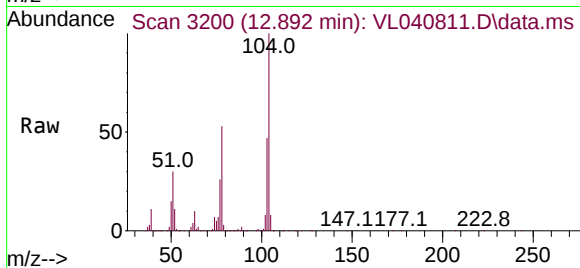
103 46.0 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#62

Isopropylbenzene

Concen: 11.151 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.003 min

Lab File: VL040811.D

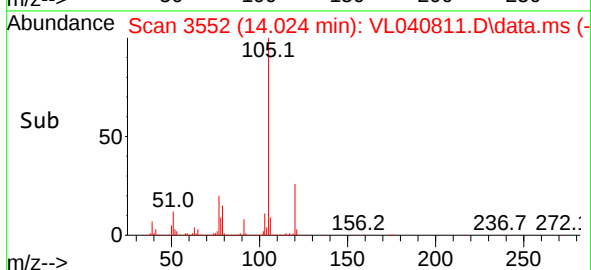
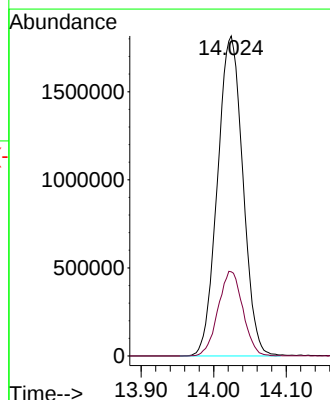
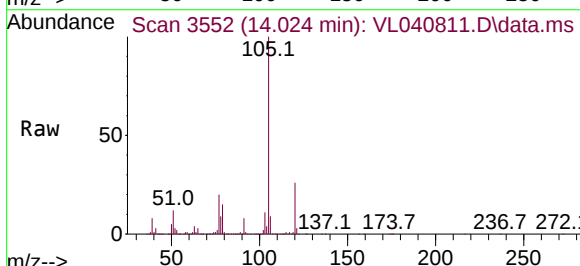
Acq: 8 Nov 2023 14:59

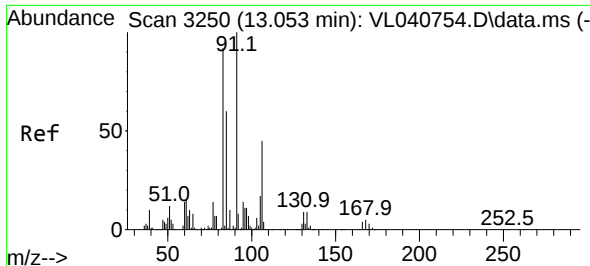
Tgt Ion:105 Resp: 4416186

Ion Ratio Lower Upper

105 100

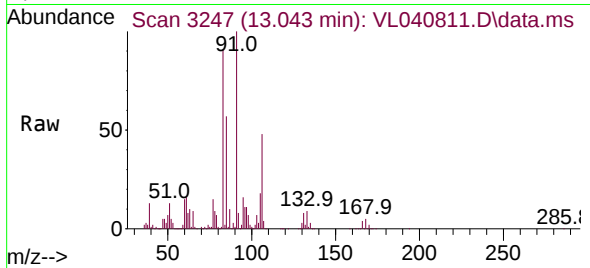
120 25.8 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.172 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

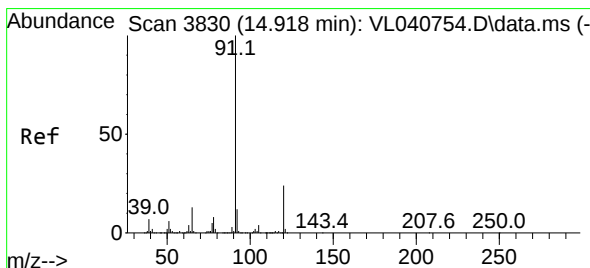
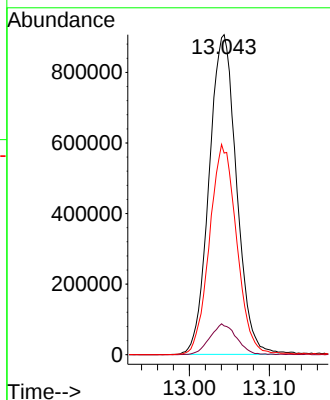
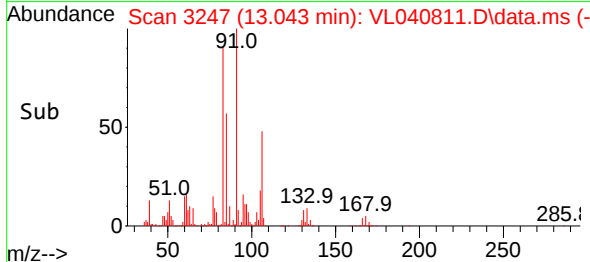
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



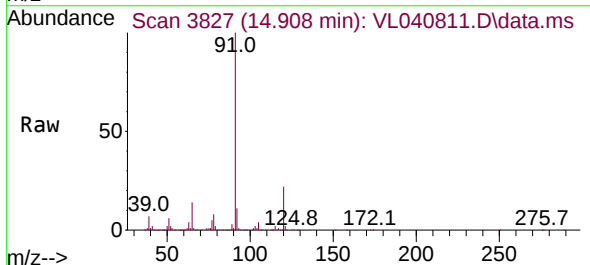
Tgt Ion: 83 Resp: 2156204
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 65.7 32.9 98.7

Manual Integrations
APPROVED

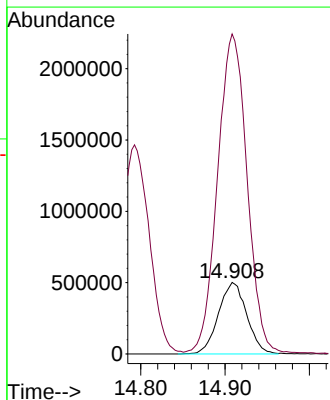
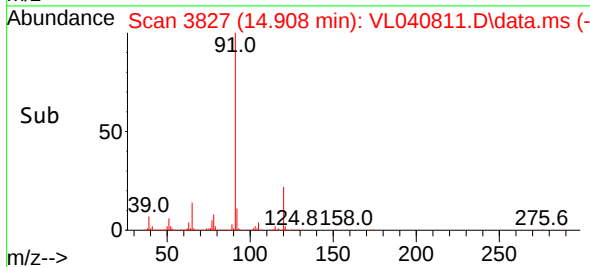
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

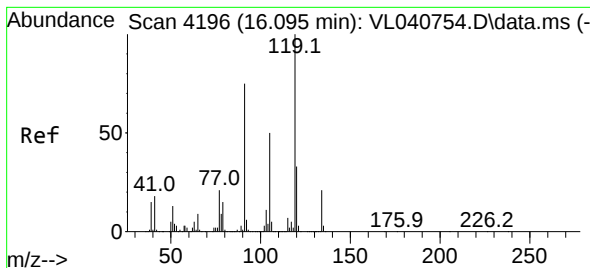


#64
n-propylbenzene
Concen: 10.969 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



Tgt Ion:120 Resp: 1167044
Ion Ratio Lower Upper
120 100
91 468.4 345.9 518.9





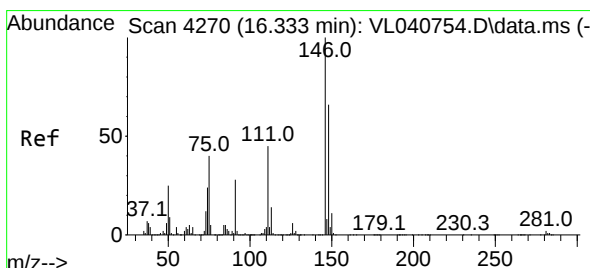
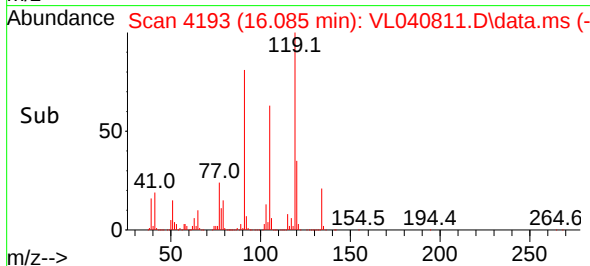
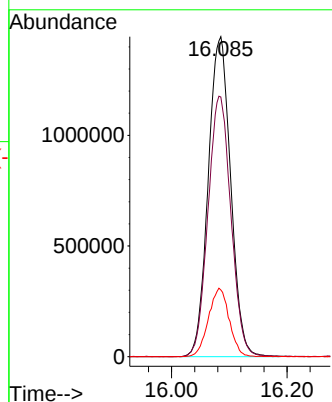
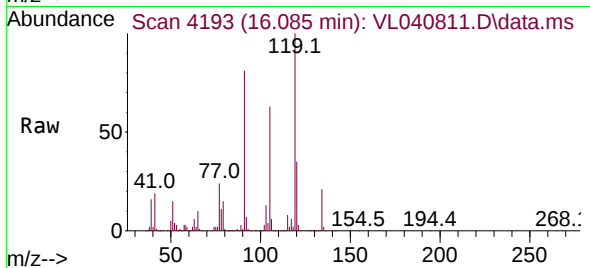
#65
tert-Butylbenzene
Concen: 10.899 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion:119 Resp: 3893192
Ion Ratio Lower Upper
119 100
91 83.4 62.2 93.2
134 19.9 16.1 24.1

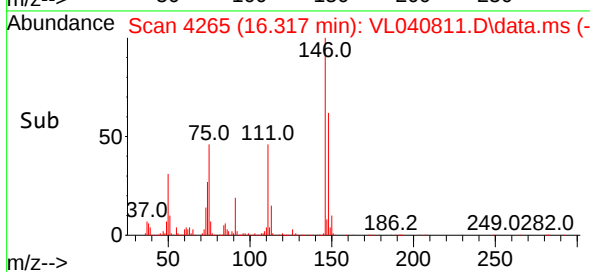
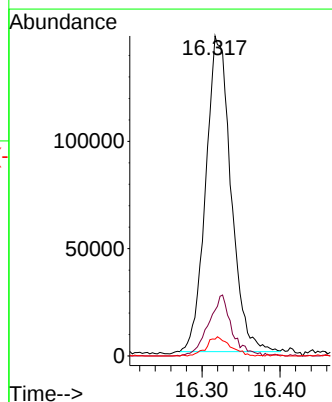
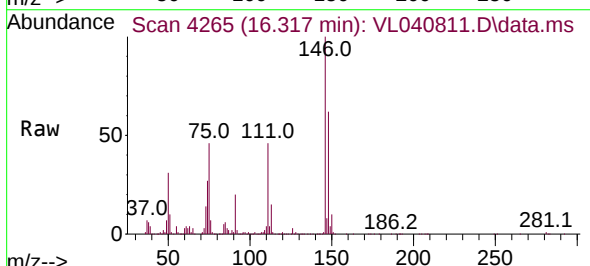
Manual Integrations
APPROVED

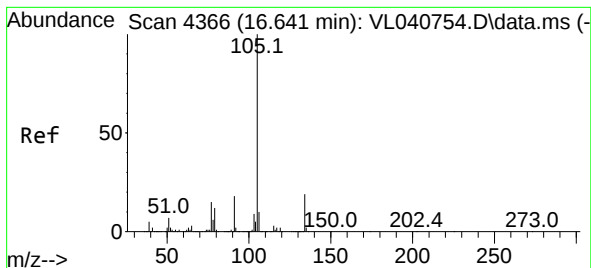
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#66
Benzyl Chloride
Concen: 9.194 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 91 Resp: 330874
Ion Ratio Lower Upper
91 100
126 17.9 16.1 24.1
128 5.9 5.2 7.8





#67

sec-Butylbenzene

Concen: 11.177 ppbv

RT: 16.628 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion:105 Resp: 5466150

Ion Ratio Lower Upper

105 100

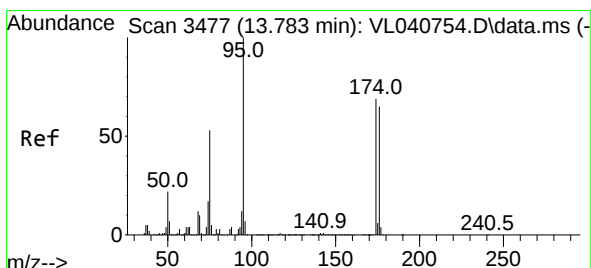
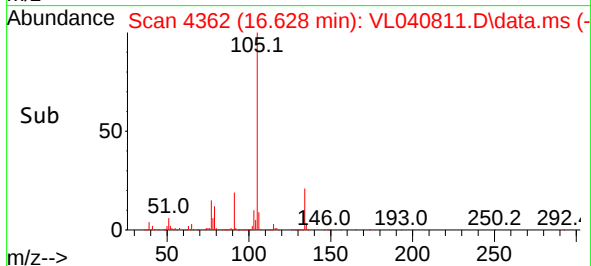
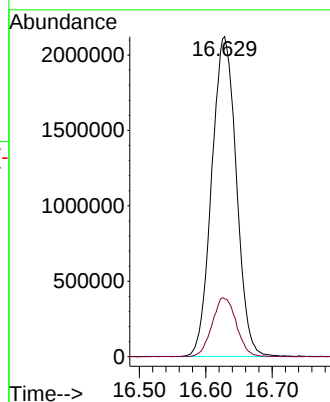
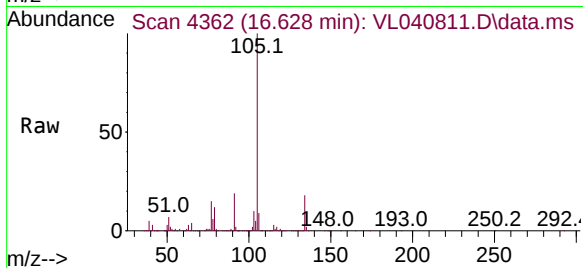
134 18.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.842 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

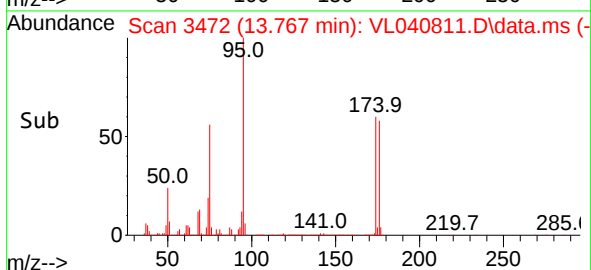
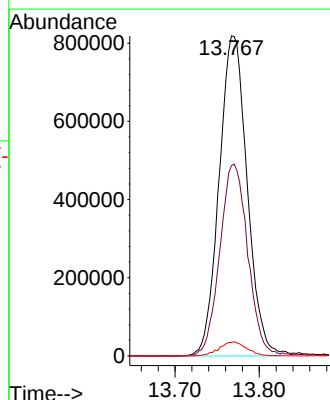
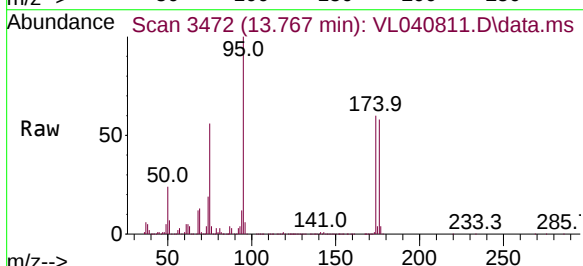
Tgt Ion: 95 Resp: 1888266

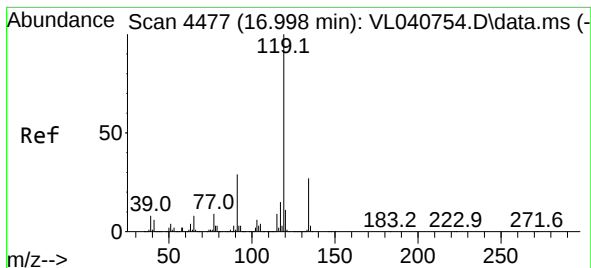
Ion Ratio Lower Upper

95 100

174 60.5 54.7 82.1

175 4.4 4.2 6.4





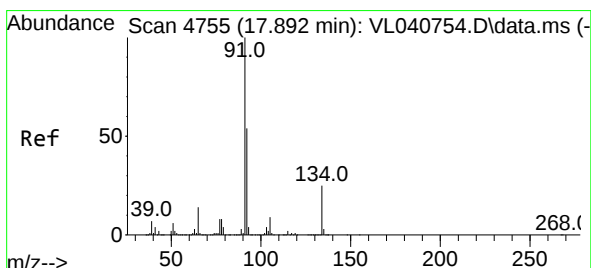
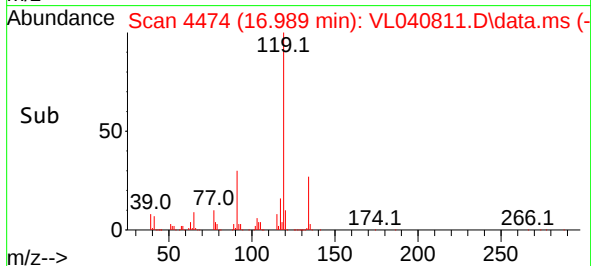
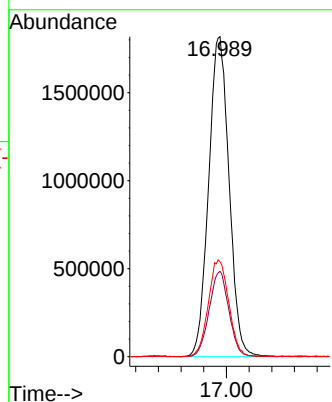
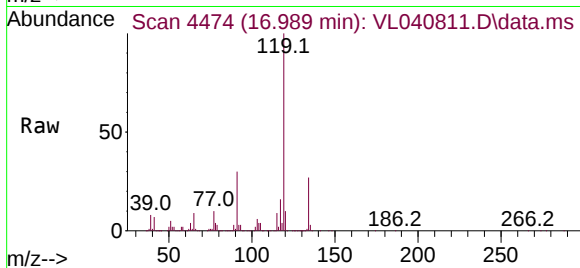
#69
p-Isopropyltoluene
Concen: 11.072 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion:119 Resp: 4537468
Ion Ratio Lower Upper
119 100
134 25.8 21.0 31.4
91 30.5 22.8 34.2

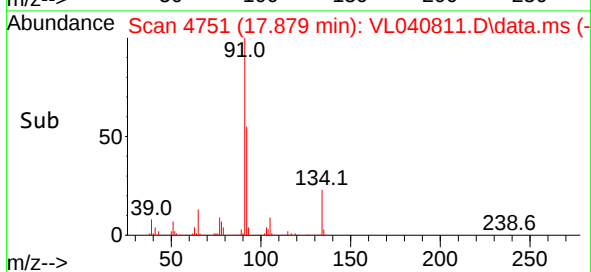
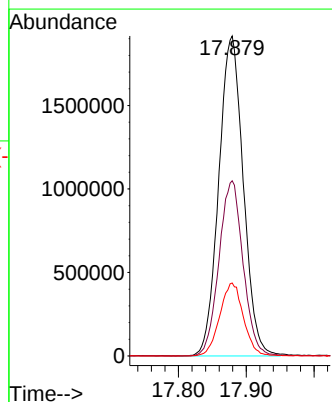
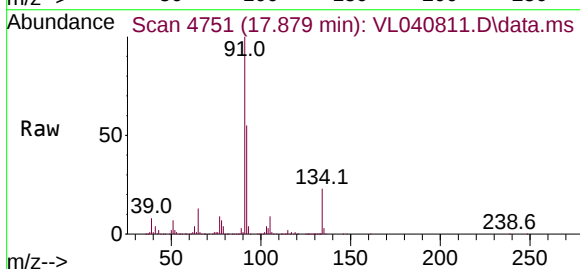
Manual Integrations
APPROVED

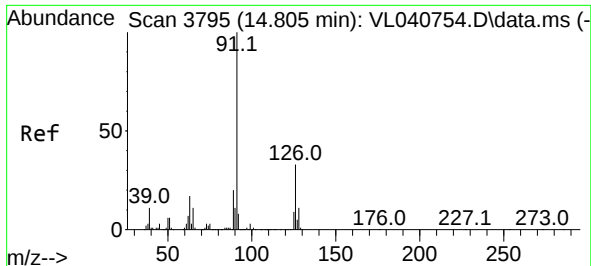
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
n-Butylbenzene
Concen: 11.961 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 91 Resp: 4813205
Ion Ratio Lower Upper
91 100
92 54.1 44.1 66.1
134 22.2 19.5 29.3





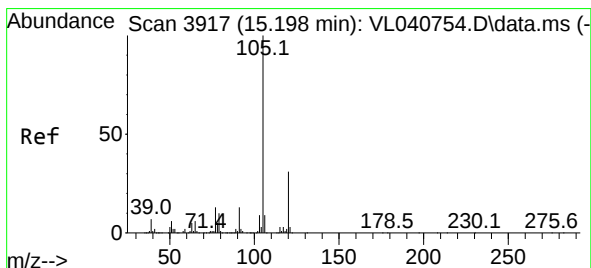
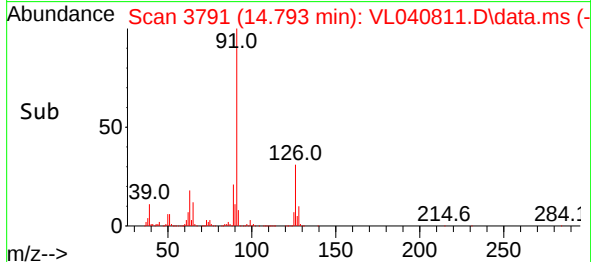
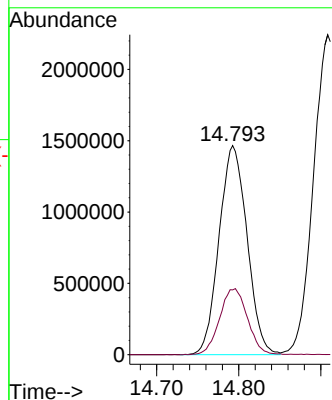
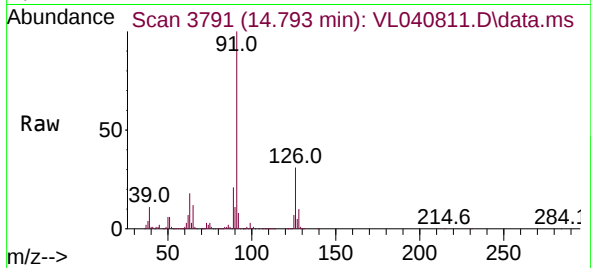
#71
2-Chlorotoluene
Concen: 11.697 ppbv
RT: 14.793 min Scan# 3795
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

Tgt Ion: 91 Resp: 3479730
Ion Ratio Lower Upper
91 100
126 31.6 13.3 53.1

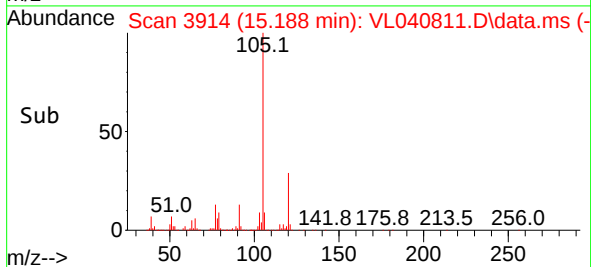
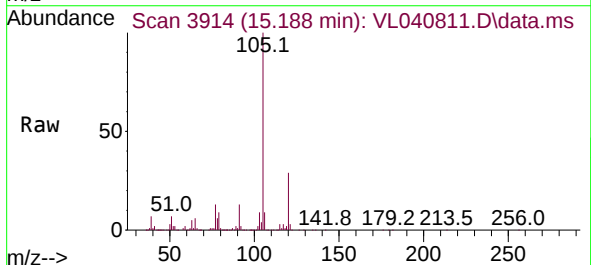
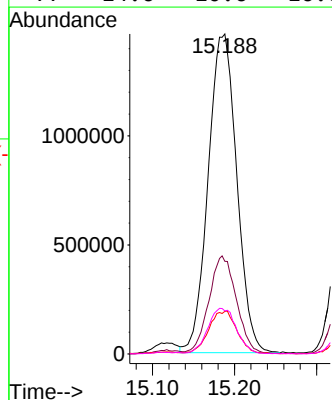
Manual Integrations
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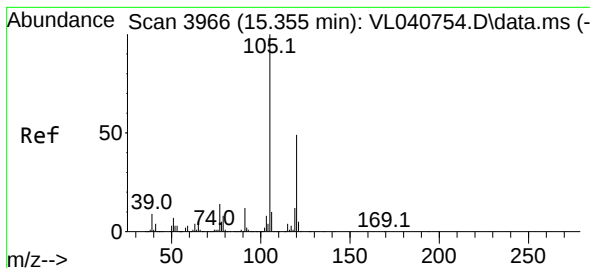
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#72
4-Ethyltoluene
Concen: 11.748 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:105 Resp: 3541658
Ion Ratio Lower Upper
105 100
120 29.8 25.0 37.4
91 13.3 9.8 14.8
77 14.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 11.488 ppbv

RT: 15.342 min Scan# 3966

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion:105 Resp: 304909

Ion Ratio Lower Upper

105 100

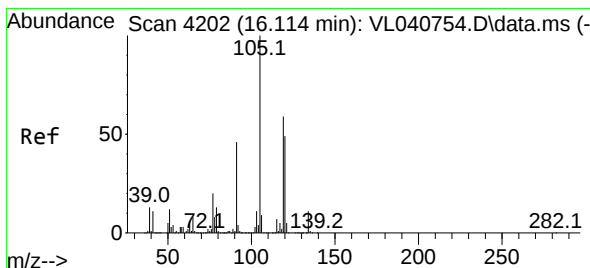
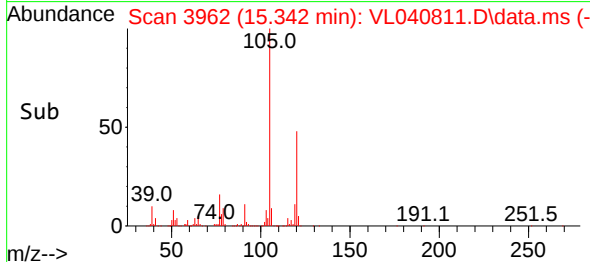
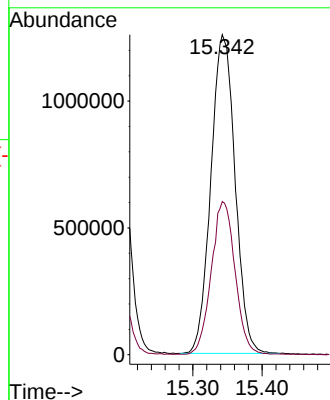
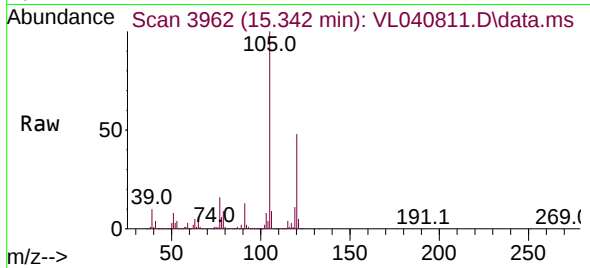
120 47.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#74

1,2,4-Trimethylbenzene

Concen: 11.527 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Tgt Ion:105 Resp: 3342814

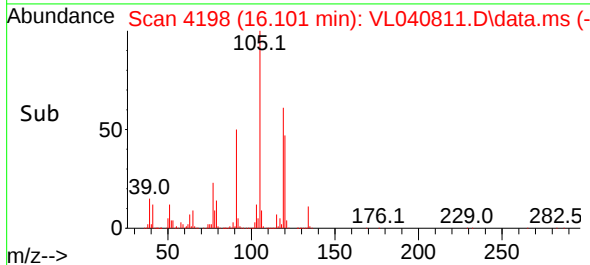
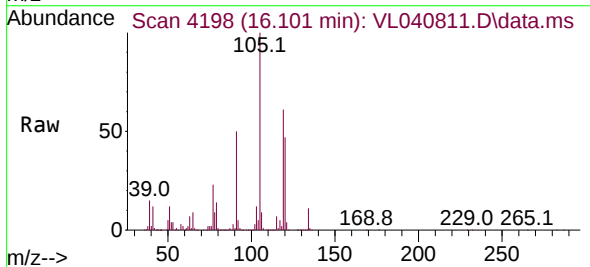
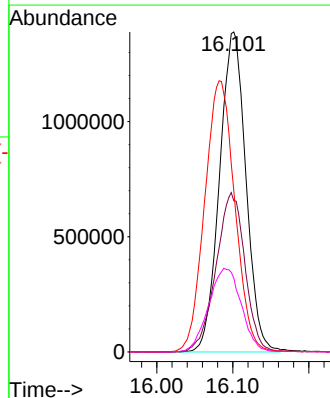
Ion Ratio Lower Upper

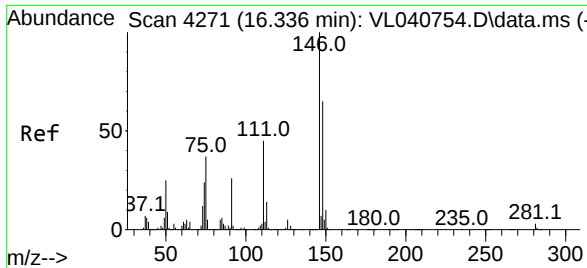
105 100

120 47.2 39.4 59.2

91 50.1 38.6 58.0

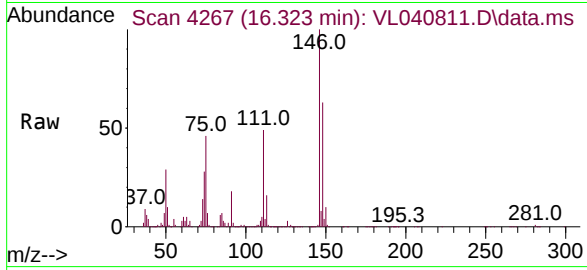
77 22.8 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 10.997 ppbv
RT: 16.323 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

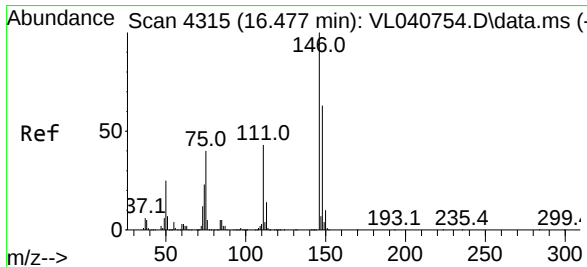
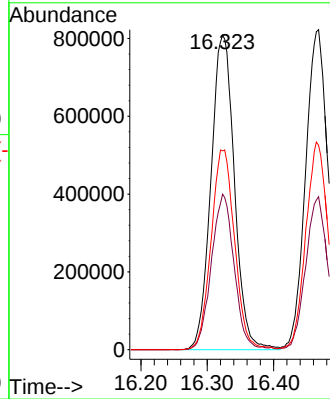
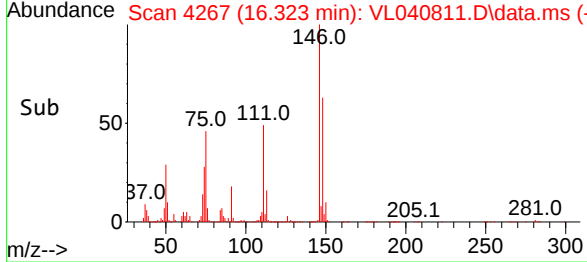
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



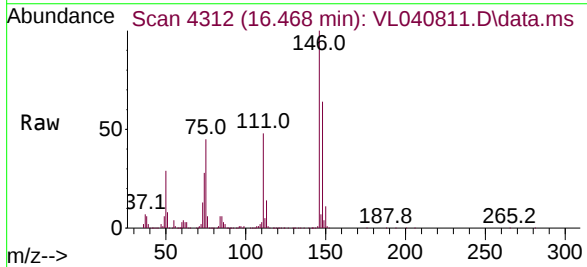
Tgt Ion:146 Resp: 198343
Ion Ratio Lower Upper
146 100
111 48.2 22.6 67.7
148 63.8 32.4 97.0

Manual Integrations
APPROVED

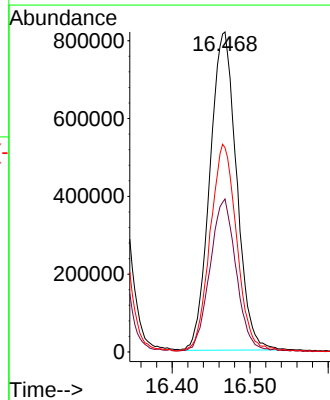
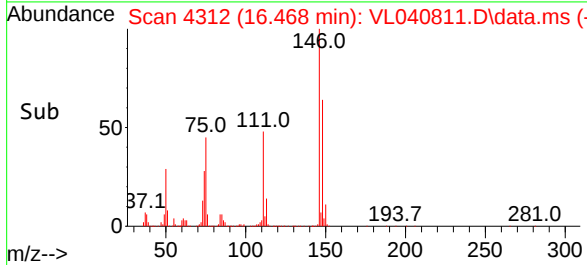
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

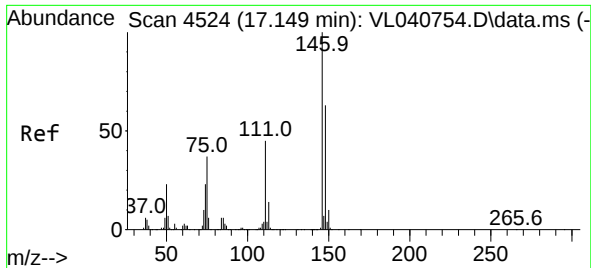


#76
1,4-Dichlorobenzene
Concen: 10.882 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



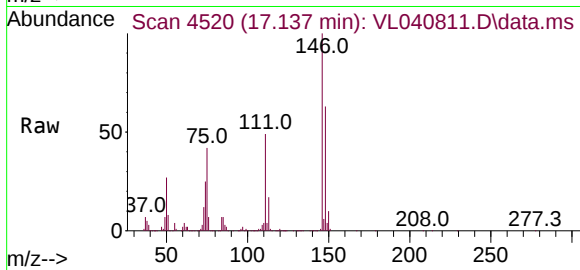
Tgt Ion:146 Resp: 1943691
Ion Ratio Lower Upper
146 100
111 47.6 22.0 66.0
148 65.5 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 10.845 ppbv
RT: 17.137 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

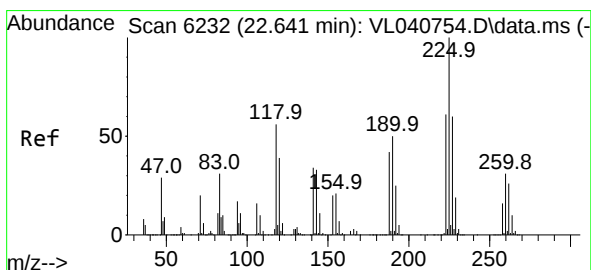
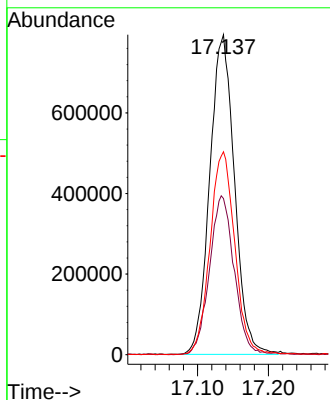
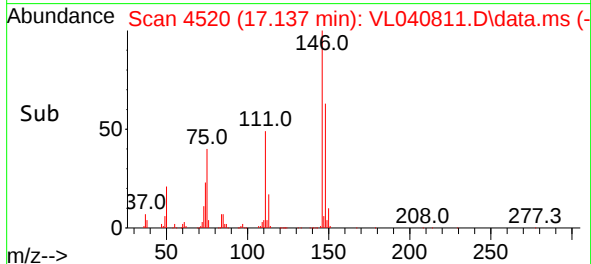
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



Tgt Ion:146 Resp: 1919228
Ion Ratio Lower Upper
146 100
111 49.7 22.9 68.8
148 64.0 32.3 96.8

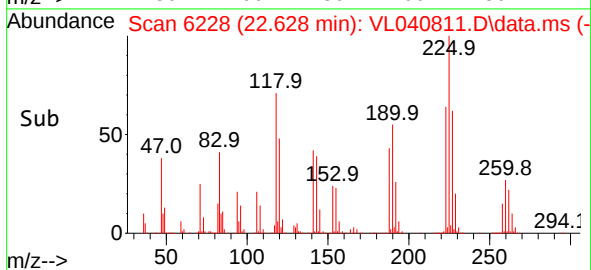
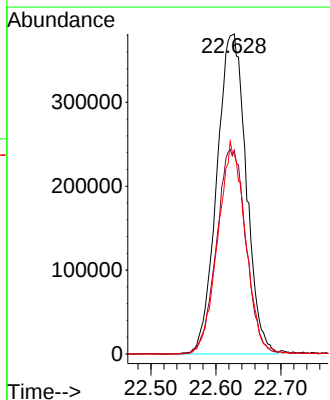
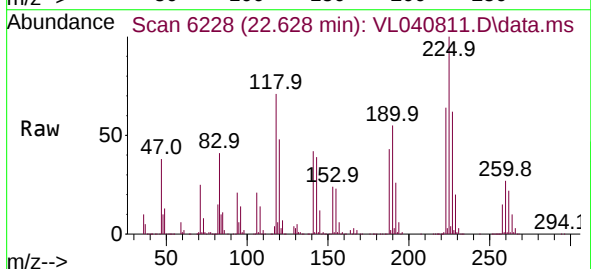
Manual Integrations
APPROVED

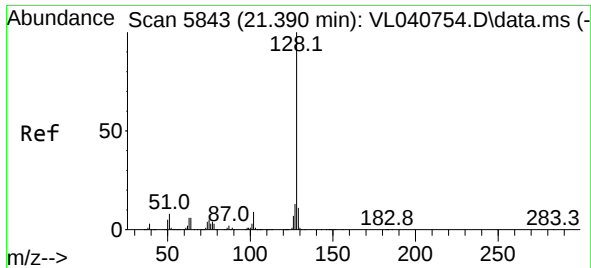
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.463 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

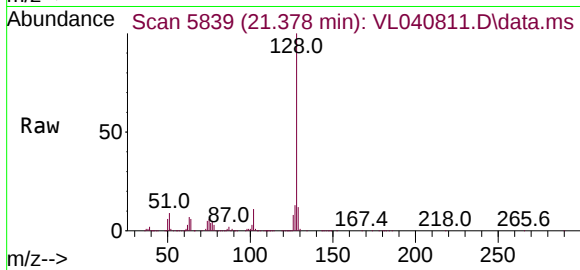
Tgt Ion:225 Resp: 1198249
Ion Ratio Lower Upper
225 100
223 64.1 50.7 76.1
227 62.5 51.4 77.0





#79
Naphthalene
Concen: 12.334 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

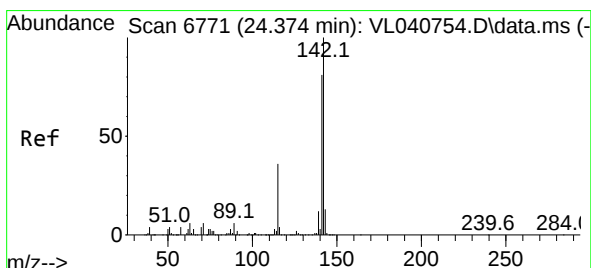
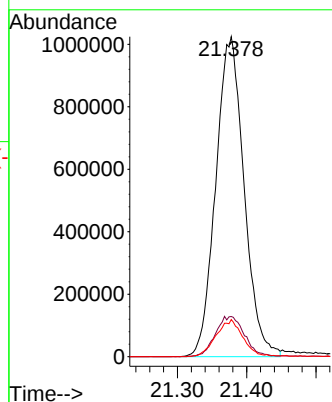
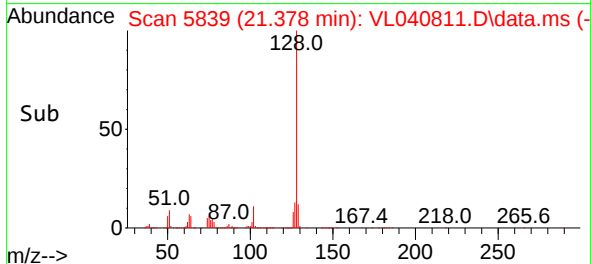
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01



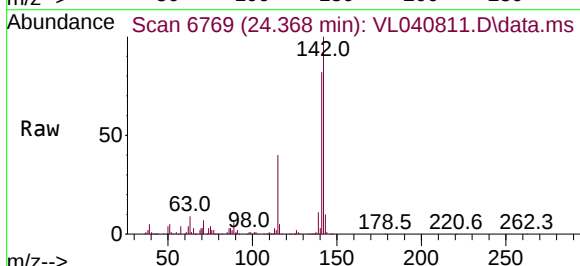
Tgt Ion:128 Resp: 290748
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 11.6 9.0 13.4

Manual Integrations
APPROVED

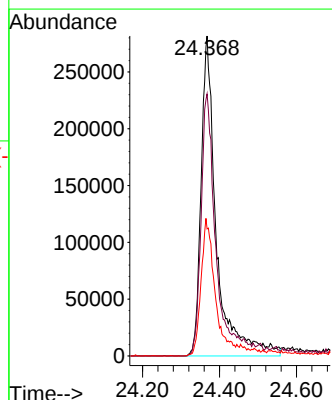
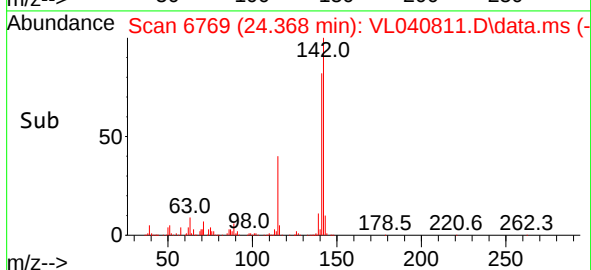
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

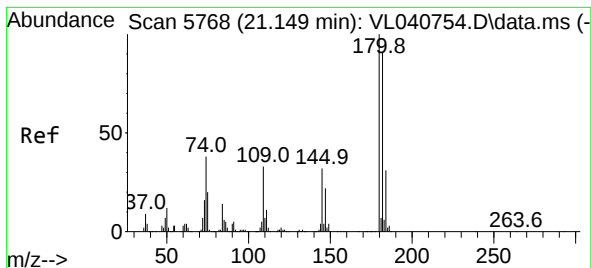


#80
Naphthalene,2-methyl-
Concen: 11.851 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59



Tgt Ion:142 Resp: 783917
Ion Ratio Lower Upper
142 100
141 81.4 66.3 99.5
115 42.7 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 11.387 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040811.D

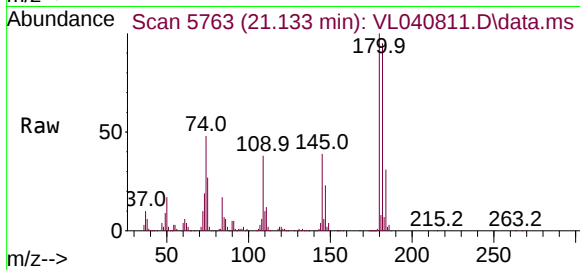
Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01



Tgt Ion:180 Resp: 145728

Ion Ratio Lower Upper

180 100

182 96.5 77.9 116.9

184 30.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023

